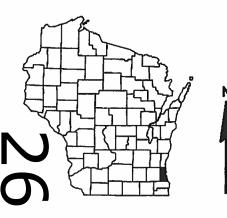
WKE	Dec 14.	2021	
	ORDER OF S	HEETS	
Ŗ	Section No.	1	Title
÷ õ	Section No.	2	Typical Sections and Details
: 10	Section No.	3	Estimate of Quantities
PROJECT ID:	Section No.	3	Miscellaneous Quantities
<u>D</u>	Section No.	4	Right of Way Plat
	Section No.	5	Plan and Profile
	Section No.	6	Standard Detail Drawings
N	Section No.	7	Sign Plates
- OI	Section No.	8	Structure Plans
Z	Section No.	9	Computer Earthwork Data
- CJ	Section No.	9	Cross Sections
5-03-7	TOTAL SHEE	TS =	56
0		no	

COUNTY:

MILWAUKE

TI

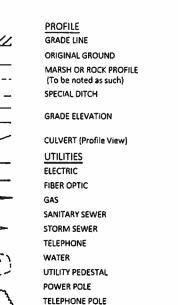


DESIGN DESIGNATION

A.A.D.T.	(2018)	=	5200
A.A.D.T.		=	N/A
D.H.V.		=	N/A
D.D.		=	N/A
т.		=	N/A
DESIGN SPEED)	E	30 MPH
ESALS		=	N/A

CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	<u>'//////</u>
PROPERTY LINE	·
LOT LINE	•
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	\sim
REFERENCE LINE	500'65'
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	CAUTION
MARSH AREA	
WOODED OR SHRUB AREA	C



ROCK

LABEL

0 П

д

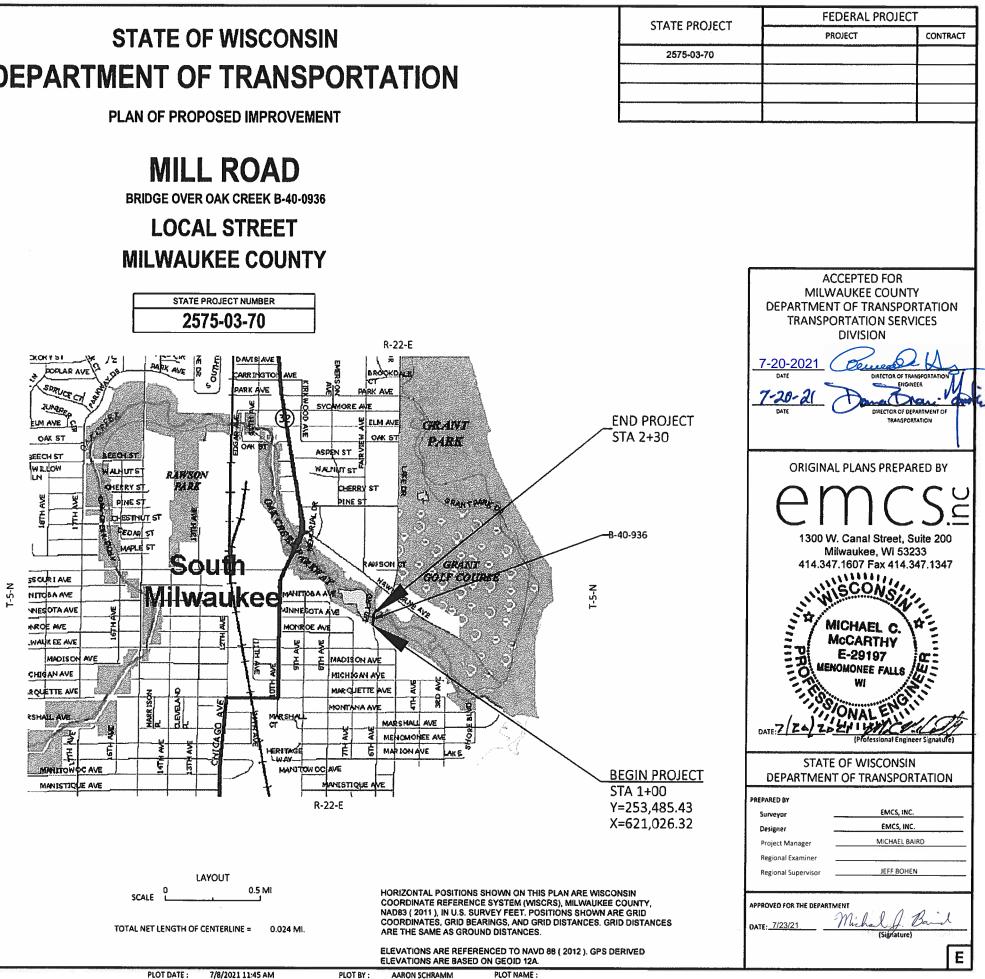
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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

BRIDGE OVER OAK CREEK B-40-0936

LOCAL STREET



FILE NAME : Y:\51XX\5174 DP19.MILL.MIL.EHB.MILLRDBRDG\CADDS\25750300\SHEETSPLAN\010101-TI.DWG

AARON SCHRAMM PLOT NAME :

ORDER OF SECTION 2 SHEETS

GENERAL NOTES TYPICAL SECTIONS CONSTRUCTION DETAILS PERMANENT SIGNING & PAVEMENT MARKING TRAFFIC CONTROL DETOUR ALIGNMENT

GENERAL NOTES

- THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN
- THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.
- CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY
 PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY HIS OPERATION OUTSIDE
 OF THE NORMAL CONSTRUCTION LIMITS.
- TOPSOIL SHALL BE PLACED 1 INCH BELOW THE TOP OF ADJACENT CONCRETE CURBS OR SIDEWALKS.
- THE QUANTITY OF THE ITEMS FOR EROSION PROTECTION INCLUDES AN UNDISTRIBUTED AMOUNT FOR PROTECTION, CONTROL AND ABATEMENT OF WATER POLLUTION RESULTING FROM SOIL EROSION. THE DISTRIBUTION AND LOCATION OF THESE MATERIALS ARE TO BE DETERMINED BY THE ENGINEER.
- DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED (SALVAGED), FERTILIZED, SEEDED, AND COVERED WITH SOIL STABILIZER AS DIRECTED BY THE ENGINEER.
- FERTILIZER SHALL NOT BE USED WITHIN 20' OF NAVIGABLE WATERWAYS OR WETLANDS.
- A CONVERSION FACTOR OF 2.00 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR BASE AGGREGATE DENSE 1 1/4-INCH
- A CONVERSION FACTOR OF 112 LB/SY/IN IS USED TO ESTIMATE QUANTITIES FOR HMA PAVEMENT.
- ASPHALTIC PAVEMENT SHALL BE CONSTRUCTED WITH THE FOLLOWING LAYERS AND GRADATIONS:

TOTAL LAYER PAVEMENT THICKNESS	LAYERS	HMA PAVEMENT ITEMS		
4"	1.5" (UPPER) 2.5" (LOWER)	5 LT 58-28 S (UPPER) 3 LT 58-28 S (LOWER)		

|--|

THERE ARE NO KNOWN UNDERGROUND OR ABOVEGROUND UTILITY FACILITIES LOCATED WITHIN THE PROJECT LIMITS.



HWY: MILL ROAD

COUNTY: MILWAUKEE

10/4/2021 10:50 AM

PLOT DATE :

NICHOLAS BECKER

2575-03-70

PROJECT NO:

OTHER AGENCIES

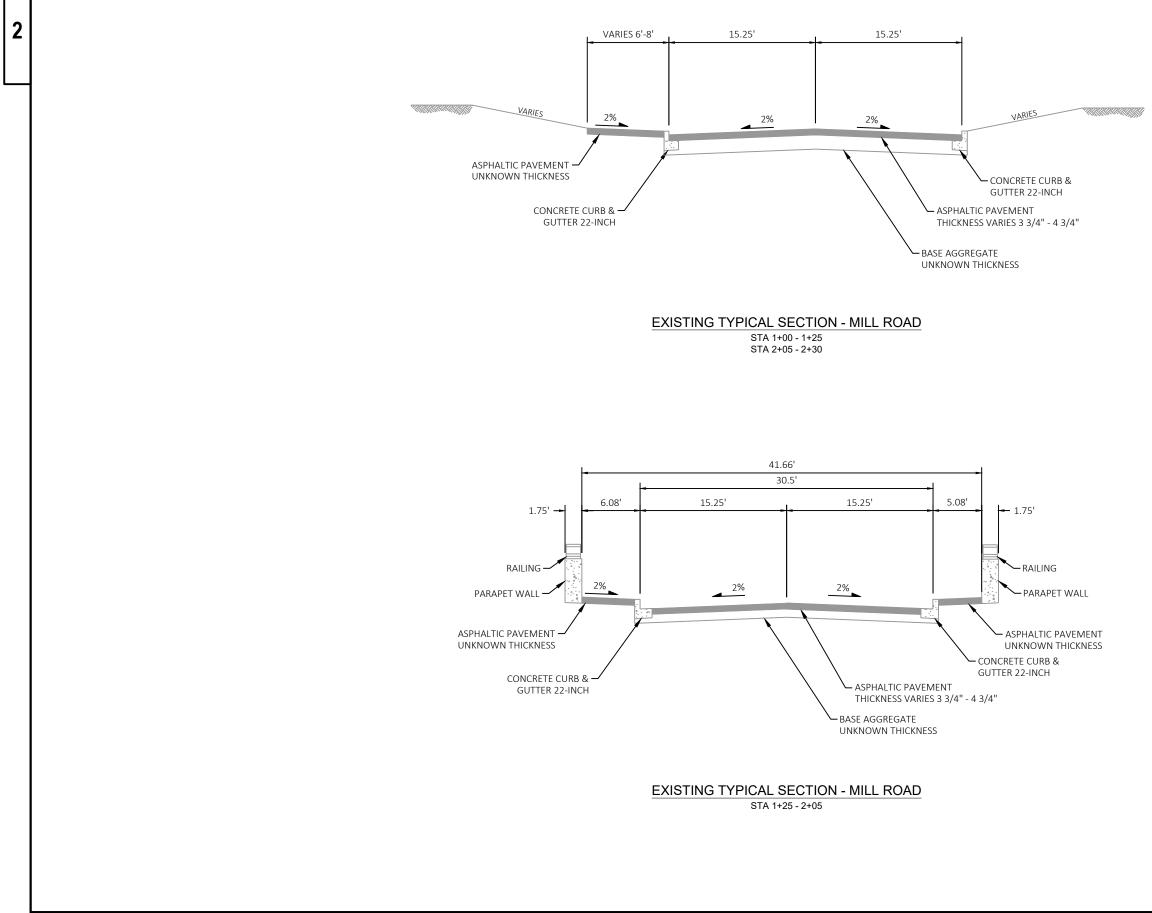
WDNR LIASON KRISTINA BETZOLD 2300 N MARTIN LUTHER KING JR. DRIVE MILWAUKEE, WI 53212 PHONE (414) 507-4946 EMAIL: KRISTINA.BETZOLD@WISCONSIN.GOV

MILWAUKEE COUNTY ANDREA WEDDLE-HENNING 10320 W WATERTOWN PLANK ROAD, 2ND FLOOR WAUWATOSA, WI 53226 PHONE: (414) 257-5934 EMAIL: ANDREA.WEDDLE-HENNING@MILWAUKEECOUNTYWI.GOV

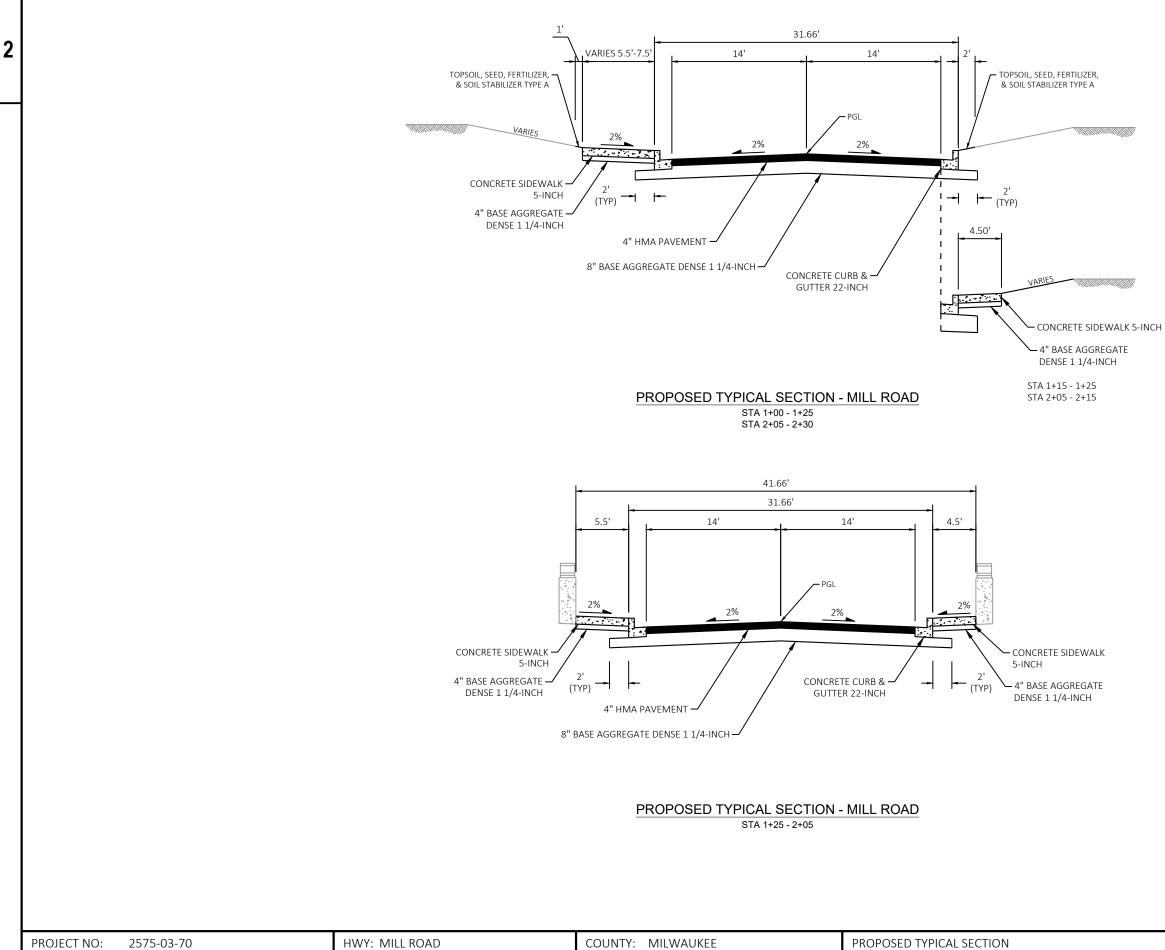
CONSULTANT DESIGN EMCS, INC. MIKE MCCARTHY 1300 W CANAL STREET, SUITE 200 MILWAUKEE, WI, 53233 PHONE: (414) 347-1607 EMAIL: MMCCARTHY@EMCSINC.COM

STANDARD ABBREVIATIONS

A.D.T A.A.D.T D.H.V D.D ESALS EX PC PI PT SI STA VCL VPC VPI	AVERAGE DAILY TRAFFIC ANNUAL AVERAGE DAILY TRAFFIC DESIGN HOURLY VOLUME DIRECTIONAL DISTRIBUTION EQUIVALENT SINGLE AXLE LOADS EXISTING POINT OF CURVATURE POINT OF CURVATURE POINT OF TANGENCY SLOPE INTERCEPT STATION VERTICAL CURVE LENGTH VERTICAL POINT OF CURVATURE VERTICAL POINT OF INTERSECTION
	VERTICAL POINT OF INTERSECTION
VPI	VERTICAL POINT OF TANGENCY



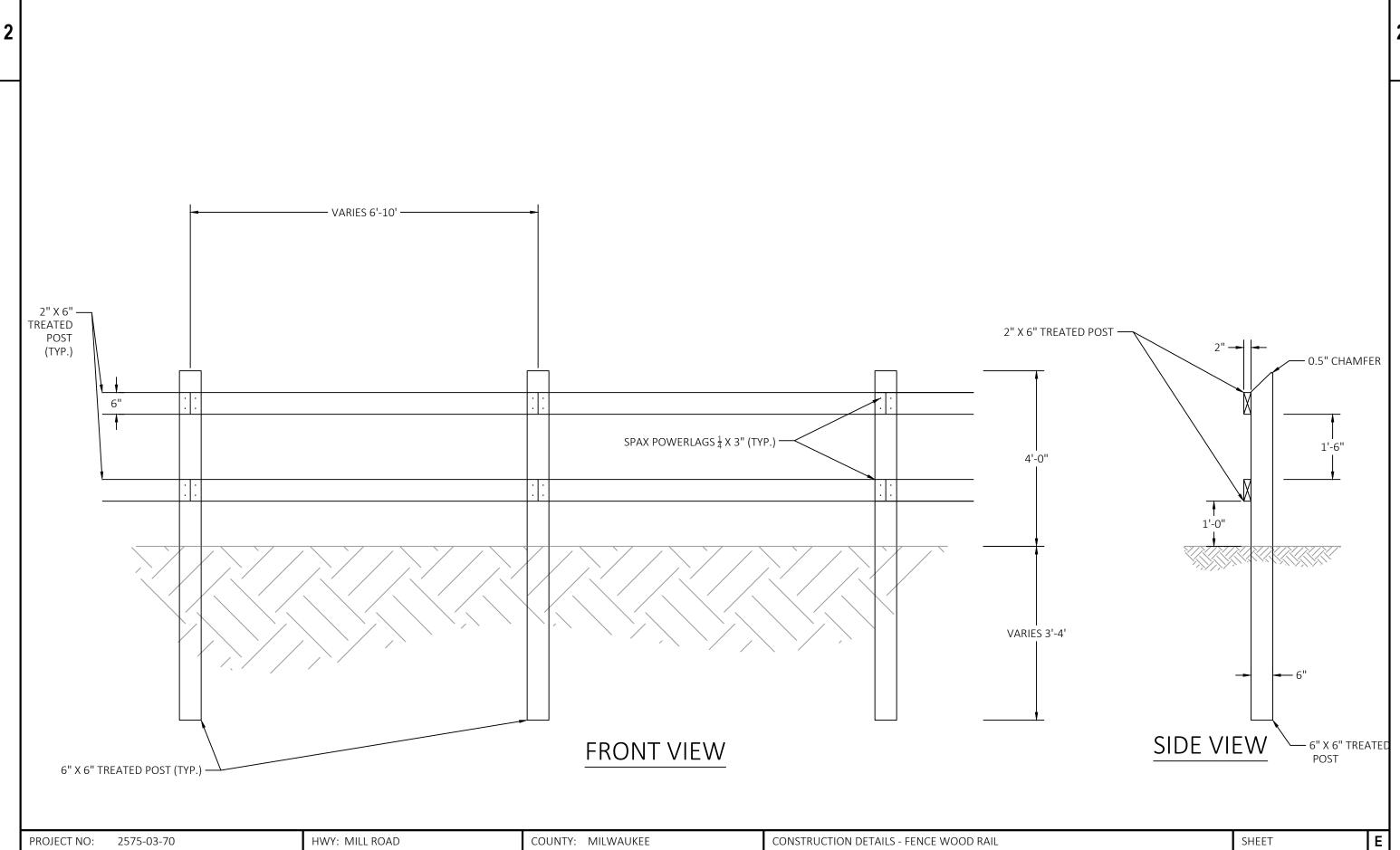
PROJECT NO: 2	575-03-70	HWY: MILL ROAD	COUNTY: MILWAUKEE		EXISTING TYPICA	AL SECTION	
FILE NAME : Y:\51XX\5174 D	DP19.MILL.MIL.EHB.MILLRDBRDG\CADDS\25750300\SHEETS	PLAN\020301-TS.DWG	PLOT DATE :	7/15/2021 8:26 AM	PLOT BY :	AARON SCHRAMM	PLOT NAME :



FILE NAME : Y:\51XX\5174 DP19.MILL.MIL.EHB.MILLRDBRDG\CADDS\25750300\SHEETSPLAN\020301-TS.DWG LAYOUT NAME - 020302-ts 1in-10ft PLOT DATE : 7/15/2021 8:26 AM PLOT BY : AARON SCHRAMM

PLOT NAME :

2

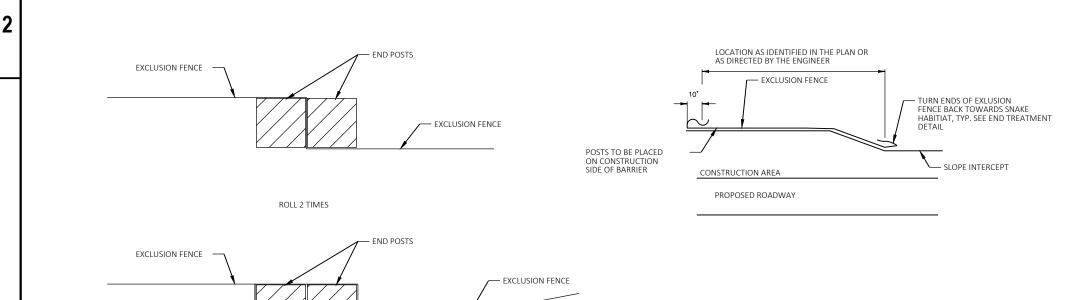


FILE NAME : Y:\51XX\5174 DP19.MILL.MIL.EHB.MILLRDBRDG\CADDS\25750300\SHEETSPLAN\021001-CD.DWG LAYOUT NAME - 021001-cd PLOT DATE : 7/15/2021 8:26 AM PLOT BY : AARON SCHRAMM

PLOT NAME :

PLOT SCALE : 1 IN:2 FT

WISDOT/CADDS SHEET 42



CONTINUITY OF EXCLUSION FENCE

EXCLUSION FENCE

RUNOFF COEFFICIENT TABLE

		HYDROLOGIC SOIL GROUP											
			A		В		С				D		
	SLOPE	E RANGE	(PERCENT)	s	LOPE RANG	GE (PERCENT)	SLO	OPE RANG	GE (PERCENT)	SLOP	PE RANGE	(PERCENT)	
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVE	
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56	
MEDIAN STRIP- TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40	
SIDE SLOPE- TURF			.25 .32			.27 .34			.28 .36			.30 .38	
PAVEMENT:			1	-		1	1		1	1	1	1	
ASPHALT						.7095							
CONCRETE						.8095							
BRICK						.7080							
DRIVES, WALKS .7585													
ROOFS .7595													
GRAVEL ROADS, SH	OULDERS					.4060							

TOTAL PROJECT AREA = 0.23ACRES

TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.23 ACRES

PROJECT NO: 2575-03-70	HWY: MILL ROAD	COUNTY: MILWAUKEE		CONSTRUCTION	I DETAILS - EXCLU	ISION FENCE
FILE NAME : Y:\51XX\5174 DP19.MILL.MIL.EHB.MILLRDBRDG\CADDS\25750300\SHEETSP	LAN\021001-CD.DWG	PLOT DATE :	7/15/2021 8:26 AM	PLOT BY :	AARON SCHRAMM	PLOT NAME :

ADDS\25750300\SHEETSPLAN\021001-CD.DWG LAYOUT NAME - 021002-cd

PLOT DATE : 7/15/2021 8:26 AM

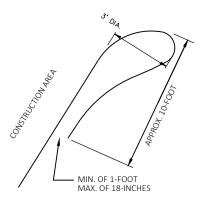
NOTE:

EXCLUSION FENCE IS SILT FENCE WITH POSTS INSTALLED ON CONSTRUCTION SIDE OF FENCE.

IF LENGTH OF EXCLUSION FENCE IS LONGER THAN MANUFACTURED LENGTH OF INDIVIDUAL FENCING, JOIN END POSTS AS SHOWN IN CONTINUITY OF EXCLUSION FENCE

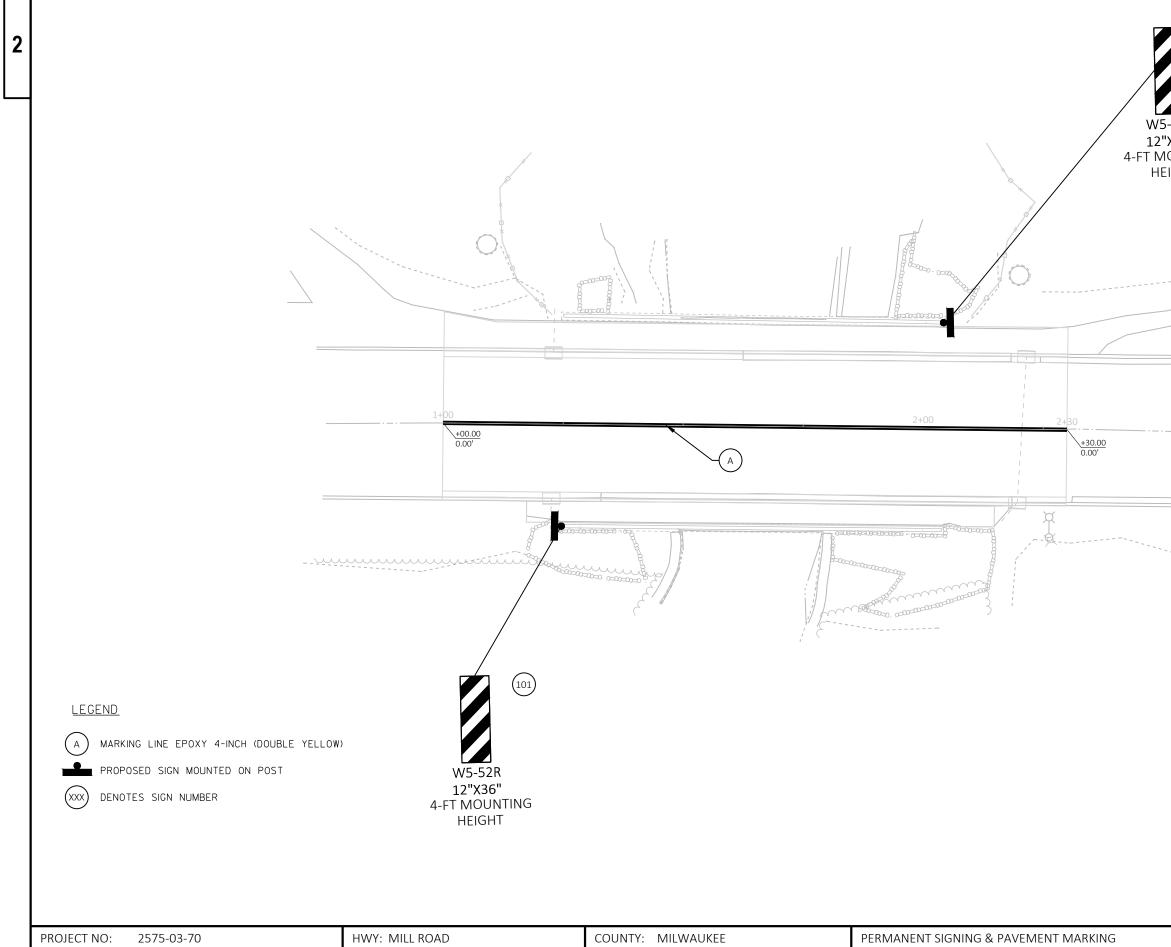
CONTRACTOR TO MAINTAIN EXCLUSION FENCE UNDER THE ITEM SILT FENCE MAINTENANCE.

CONTRACTOR TO REMOVE EXCLUSION FENCE AS DIRECTED BY THE ENGINEER.



END TREATMENT DETAIL

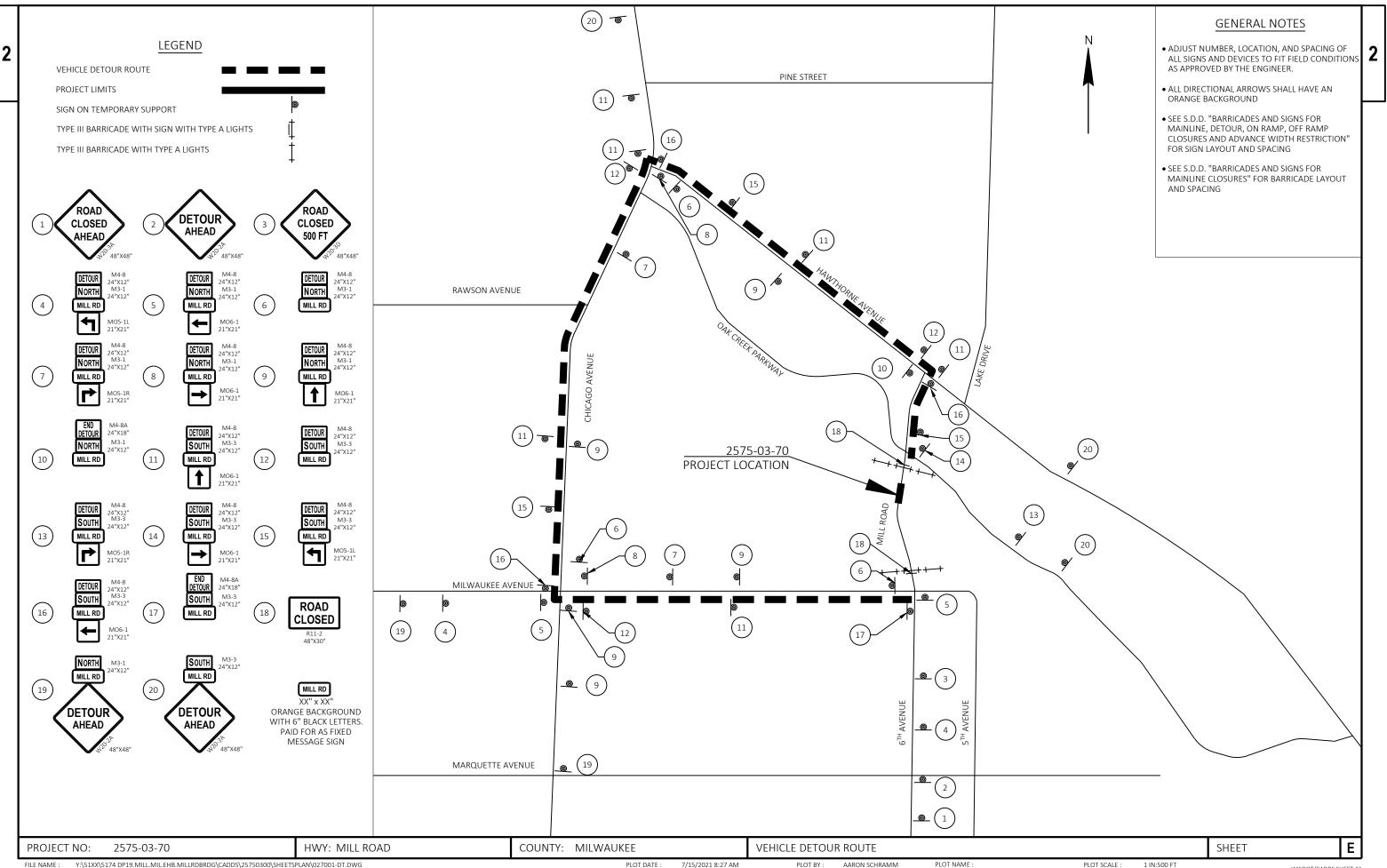
2



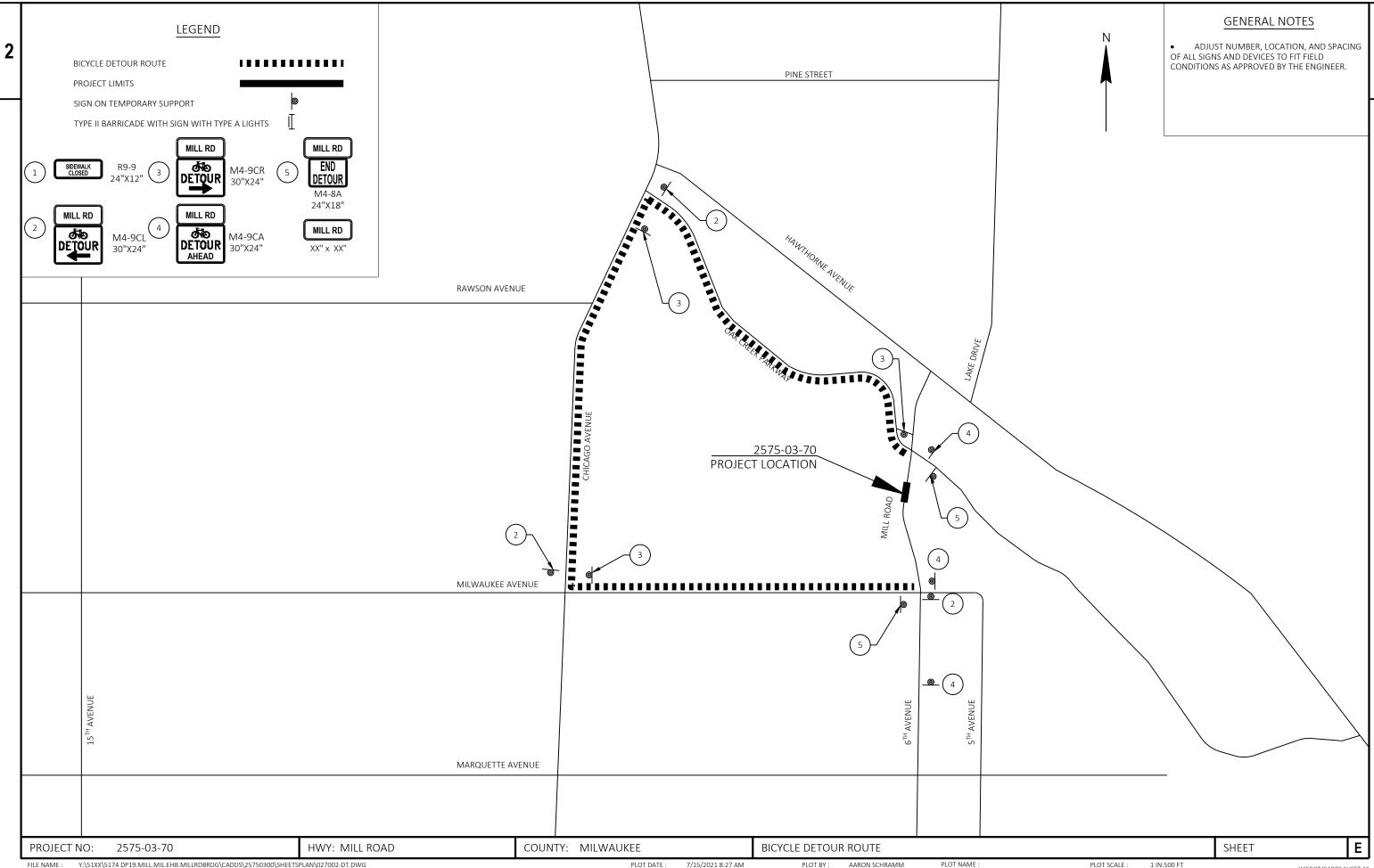
FILE NAME : Y:\51XX\5174 DP19.MILL MILEHB.MILLRDBRDG\CADDS\25750300\SHEETSPLAN\023201_PS.DWG LAYOUT NAME - 023201_ps PLOT DATE : 7/15/2021 8:27 AM PLOT BY : AARON SCHRAMM

	SHEET	E	
IGHT			
-52R X36" OUNTING			
X36"			
-52R			
		⊢	
(102)			
	Z		2
	_		2

PLOT NAME :

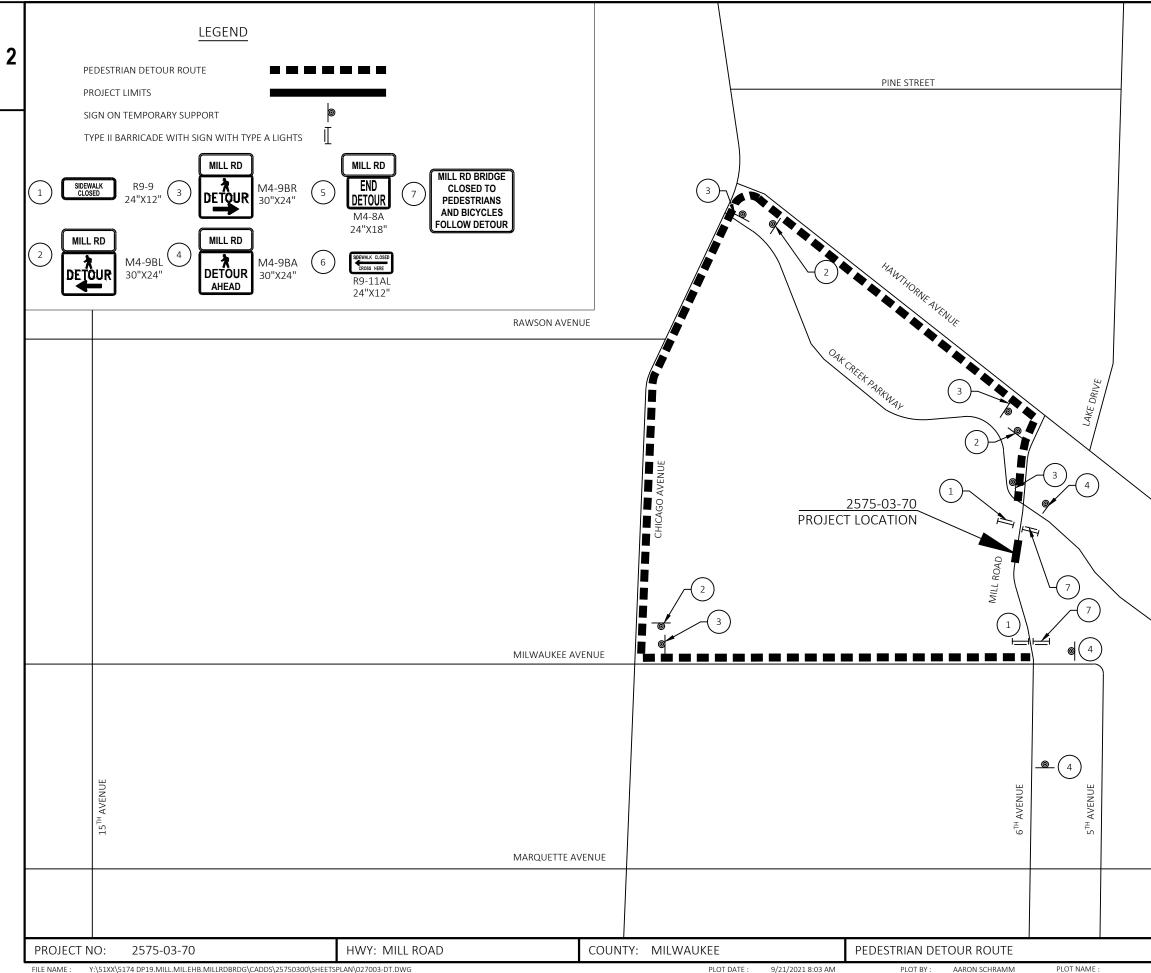


PLOT NAME :



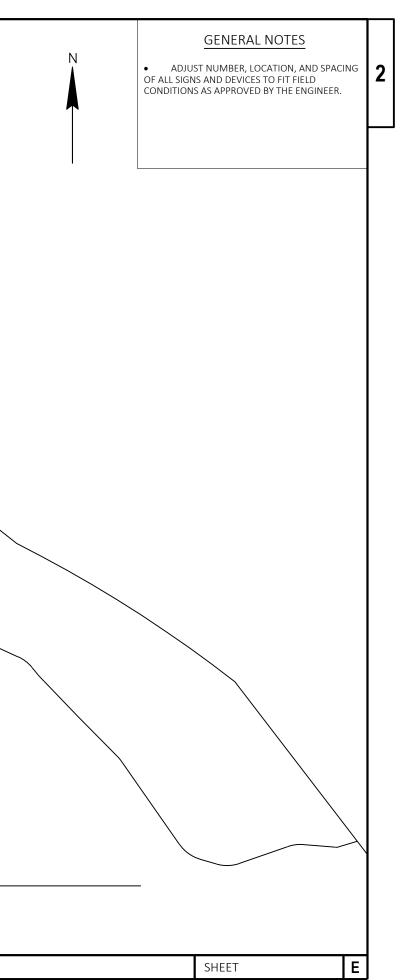






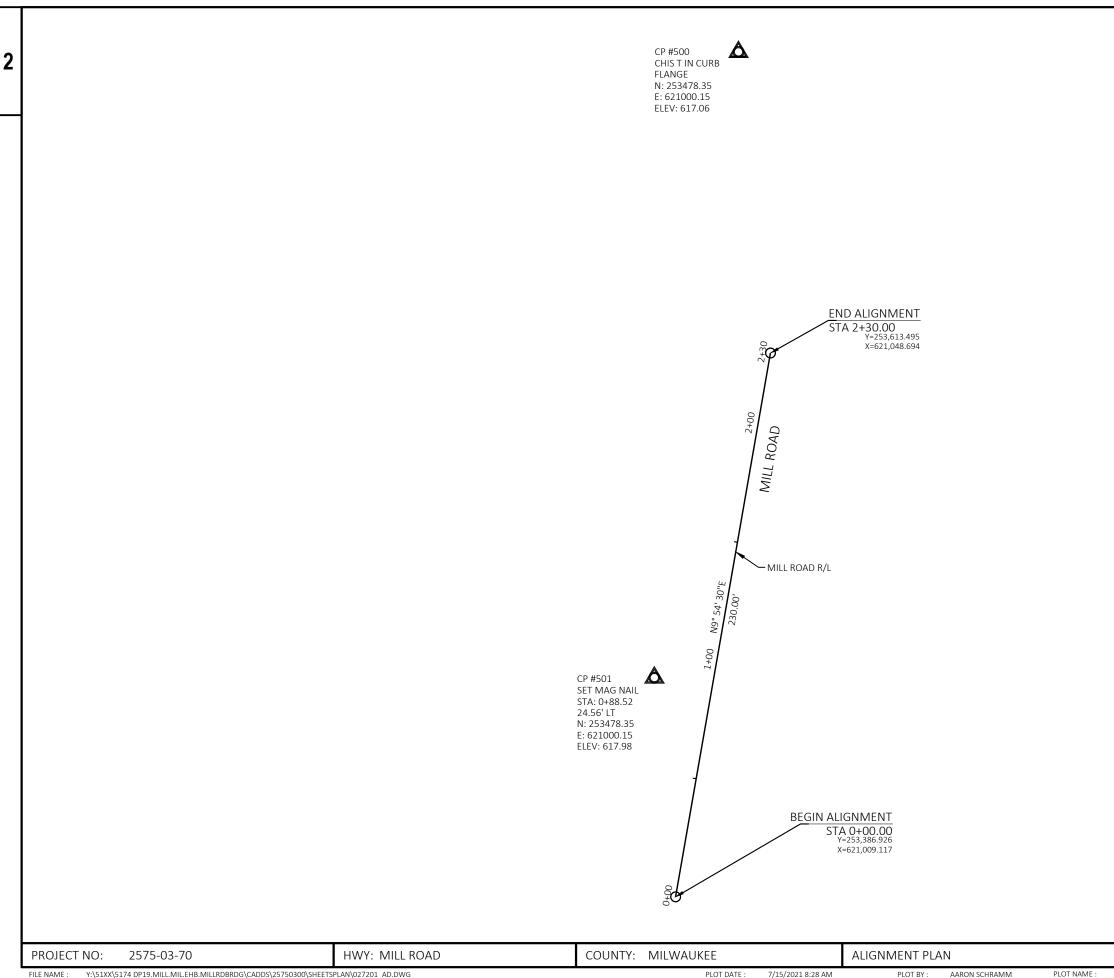
Y:\51XX\5174 DP19.MILL MIL.EHB.MILLRDBRDG\CADDS\25750300\SHEETSPLAN\027003-DT.DWG LAYOUT NAME - 027003 FILE NAME :

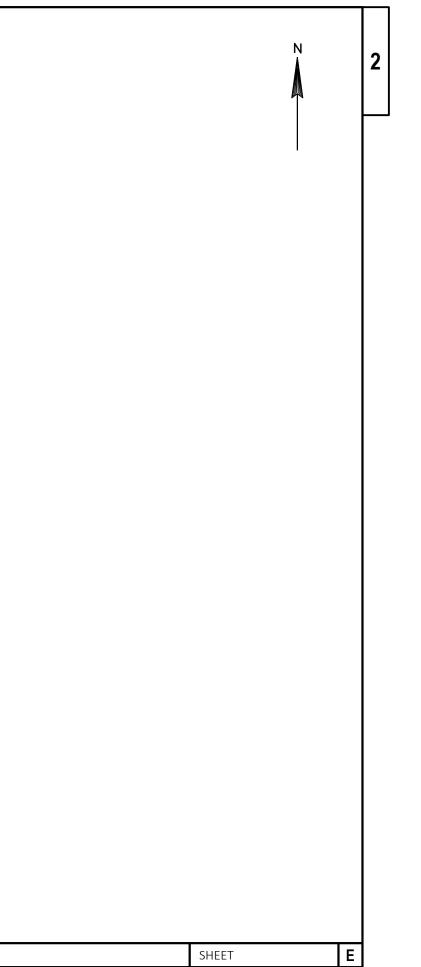
PLOT NAME :



PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42

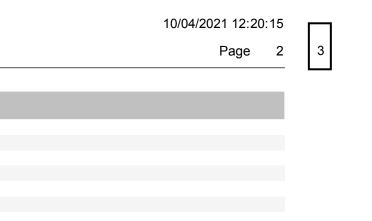




			E	Estimate Of C	Quantities	
					2575-03-70	
Line	Item	Item Description	Unit	Total	Qty	
002	204.0150	Removing Curb & Gutter	LF	260.000	260.000	
004	204.0170	Removing Fence	LF	84.000	84.000	
006	205.0100	Excavation Common	CY	169.000	169.000	
800	206.1000	Excavation for Structures Bridges (structure) 01. B-40-936	LS	1.000	1.000	
010	213.0100	Finishing Roadway (project) 01. 2575-03-70	EACH	1.000	1.000	
012	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	281.000	281.000	
014	455.0605	Tack Coat	GAL	64.000	64.000	
016	460.2000	Incentive Density HMA Pavement	DOL	70.000	70.000	
018	460.5223	HMA Pavement 3 LT 58-28 S	TON	64.000	64.000	
020	460.5225	HMA Pavement 5 LT 58-28 S	TON	38.000	38.000	
022	502.0100	Concrete Masonry Bridges	CY	2.000	2.000	
024	502.3205	Pigmented Surface Sealer Reseal	SY	74.000	74.000	
026	502.4205	Adhesive Anchors No. 5 Bar	EACH	46.000	46.000	
028	505.0400	Bar Steel Reinforcement HS Structures	LB	400.000	400.000	
030	509.1500	Concrete Surface Repair	SF	60.000	60.000	
032	509.9025.S	Epoxy Injection Crack Repair	LF	300.000	300.000	
034	511.1100	Temporary Shoring	SF	108.000	108.000	
036		Structure Repainting Recycled Abrasive (structure) 01. B-40-936	EACH	1.000	1.000	
038	517.4501.S	Negative Pressure Containment and Collection of Waste Materials (structure) 01. B-40- 936	EACH	1.000	1.000	
040	517.6001.S	Portable Decontamination Facility	EACH	1.000	1.000	
042	601.0322	Concrete Curb & Gutter 22-Inch	LF	260.000	260.000	
044	602.0410	Concrete Sidewalk 5-Inch	SF	1,164.000	1,164.000	
046	606.0300	Riprap Heavy	CY	36.000	36.000	
048	611.0430	Reconstructing Inlets	EACH	4.000	4.000	
050	611.9710	Salvaged Inlet Covers	EACH	4.000	4.000	
052	619.1000	Mobilization	EACH	1.000	1.000	
052	624.0100	Water	MGAL	6.300	6.300	
	625.0100		SY	9.000	9.000	
056		Topsoil Silt Fores	LF			
058	628.1504	Silt Fence		140.000	140.000	
060	628.1520	Silt Fence Maintenance	LF	140.000	140.000	
062	628.6505	Soil Stabilizer Type A	ACRE	0.200	0.200	
064	628.7005	Inlet Protection Type A	EACH	4.000	4.000	
066	628.7015	Inlet Protection Type C	EACH	4.000	4.000	
068	629.0210	Fertilizer Type B	CWT	0.200	0.200	
070	630.0130	Seeding Mixture No. 30	LB	2.000	2.000	
072	630.0500	Seed Water	MGAL	0.300	0.300	
074	634.0808	Posts Tubular Steel 2x2-Inch X 8-FT	EACH	2.000	2.000	
076	637.2230	Signs Type II Reflective F	SF	6.000	6.000	
078	642.5001	Field Office Type B	EACH	1.000	1.000	
080	643.0410	Traffic Control Barricades Type II	DAY	484.000	484.000	
082	643.0420	Traffic Control Barricades Type III	DAY	726.000	726.000	
084	643.0705	Traffic Control Warning Lights Type A	DAY	2,420.000	2,420.000	
086	643.0900	Traffic Control Signs	DAY	16,577.000	16,577.000	
8800	643.1000	Traffic Control Signs Fixed Message	SF	76.000	76.000	
090	643.5000	Traffic Control	EACH	1.000	1.000	
092	645.0120	Geotextile Type HR	SY	80.000	80.000	
094	646.1020	Marking Line Epoxy 4-Inch	LF	260.000	260.000	



3	Estimate Of Quantities										
						2575-03-70					
	Line	Item	Item Description	Unit	Total	Qty					
	0098	650.5000	Construction Staking Base	LF	130.000	130.000					
	0100	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	260.000	260.000					
	0102	650.9910	Construction Staking Supplemental Control (project) 01. 2575-03-70	LS	1.000	1.000					
	0104	690.0150	Sawing Asphalt	LF	76.000	76.000					
	0106	999.2000.S	Installing and Maintaining Bird Deterrent System (Station) 01. 1+65	EACH	1.000	1.000					
	0108	SPV.0090	Special 01. FENCE WOOD RAIL	LF	84.000	84.000					
	0110	SPV.0165	Special 01. Replacing Limestone Masonry Endwall	SF	53.000	53.000					
	0112	SPV.0165	Special 02. Salvage and Replace Limestone Fascia Blocks	SF	1,310.000	1,310.000					
	0114	SPV.0165	Special 03. Limstone Masonry Pointing	SF	53.000	53.000					

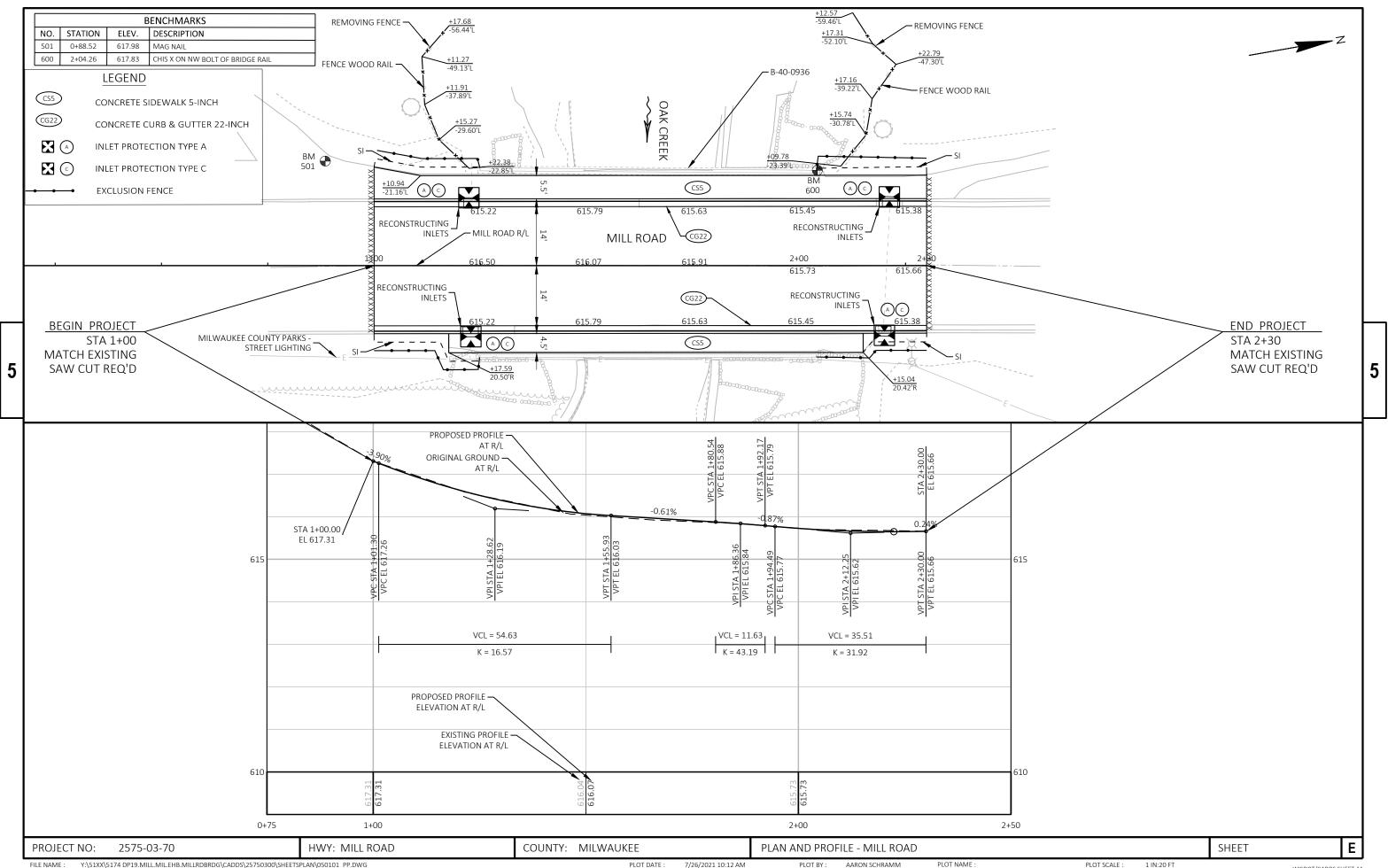


	REMOVAL ITEMS	
	204.0150 204.0170	EARTHWORK SUMMARY
	REMOVING CURB REMOVING & GUTTER FENCE	205.0100 SALVAGED/UNU EXCAVATION SABLE COMMON PAVEMENT DIVISION STATION TO STATION LOCATION (CY) (CY) WATERIAL
	CATEGORY STAGE LOCATION STATION TO STATION LF LF 0010 1	1 1+00 2+30 MILL RD 169 69 100 100 PROJECT TOTAL 169 69 100 100 100
	ASPHALTIC ITEMS 455.0605 460.5223 460.5225 HMA PAVEMENT HMA PAVEMENT TACK COAT 3 LT 58-28 S 5 LT 58-28 S GORY STAGE LOCATION STATION TO STATION GAL TON TON	NOTE 1) Common Excavation is the sum of the Cut and EBS Excavation columns. 2) Salvaged/Unusable Pavement Material is included in Cut. 3) EBS Excavation to be backfilled with Select Borrow material. Note: this is designers choice, can be backfilled with Borrow, or Cut as well. 4) Salvaged/Unusable Pavement Material is the existing concrete and asphalt pavement volume, not available for fill (material to be w asted) 5) Available Material = Cut - Salvaged/Unusable Pavement Material (0 if negative) 6) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division Minus indicates a shortage of material within the Division. 7) Waste (fill in noted as needed)
00		- BASE AGGREGATE ITEMS 305.0120 BASE BASE CONCRETE CURB & GUTTER 601.0322 CONCRETE CURB
	634.0808 637.2230 SIGN POSTS TUBULAR DIMENSION STEEL 2X2-INCH SIGNS TYPE II W X H X 8-FT REFLECTIVE F TEGORY SIGN NUMBER SIGN CODE SIGN SIZE SIGN TYPE IN X 0010 011 011 011 011	AGGREGATE & GUTTER 22- DENSE 1 1/4-INCH DENSE 1 1/4-INCH INCH CATEGORY STAGE LOCATION STATION TO STATION TON 0010 1 0010 1 0010 1 MILL RD 1+00 2+30 281 MILL RD 1+00 2+30 260 PROJECT TOTAL 281 MILL RD 1+00 260 260 260 OCONCRETE SIDEWALK MORILIZATION 1+00 260 1+00 260
	101 W5-52R 2S II 12 X 36 1 3 102 W5-52R 2S II 12 X 36 1 3 PROJECT TOTAL 2 6	CONCRETE SIDEWALK MOBILIZATION 602.0410 619.1000
	CONSTRUCTION STAKING 650.4500 650.5500 650.9910 CONSTRUCTION CONSTRUCTION CONSTRUCTION STAKING CONSTRUCTION STAKING CURB STAKING CONSTRUCTION GUBGRADE STAKING BASE CURB & GUTTER (PROJECT)	AL 0010 1 <u>MILL RD 1+00 - 2+30 1,164</u> <u>PROJECT TOTAL 1,164</u> 0010 ALL <u>PROJECT 1</u> <u>PROJECT TOTAL 1</u>
<u>CATEGO</u> 0010		
	611.0430 611.9710 RECONSTRUCTING SALVAGED INLET INLETS COVERS <u>CATEGORY STAGE LOCATION EACH EACH</u> 0010 1 <u>MILL RD 4 4</u>	SAWING ASPHALT CATEGORY STAGE LOCATION STATION TO STATION LF FIELD OFFICE 0010 1 1+00 2+30 76 0010 ALL PROJECT TOTAL 1 PROJECT TOTAL 76 76 PROJECT TOTAL 1
PROJE	PROJECT TOTAL 4 4 CT NO: 2575-03-70 HWY: MILL ROAD COUNT	NTY: MILWAUKEE MISCELLANEOUS QUANTITIES SHEET NO: E

FILE NAME : Y:\51xx\5174 DP19.MILL.MIL.EHB.MILLRDBRDG\10 PSE\MQs\PPT\25750370_MQs.pptm

PLOT DATE 9/21/2021 12:15 PM

EROSION CONTROL ITEM	15			Ī	RAFFIC CONTROL	ITEMS- VE	HICLE DE	TOUR			TRAFE	FIC CONTROL ITEM	IS-BICYCLE	DETOUR
	628.1504		CATEGO	DRY LOCAT	T C BAI	43.0420 RAFFIC ONTROL RRICADES TYPE III DAY	643.0 TRAF CONT WARNING TY P NO.	FIC ROL LIGHTS	643.09 TRAF <u>CONTROL</u> NO.	FIC	CATEGORY	LOCATION	Т	3.0900* RAFFIC ROL SIGNS DAY
0010 MILL RD 1+00 - 2+30 UNDISTRIBUTED PROJECT TOTAL	110 30 140	LF 110 30 140	0010		6 /E /E WY	726 726	12 	1,452 1,452	17 23 38 26 8	2,057 2,783 4,598 3,146 968 13,552	0010	MILL RD HAWTHORNE AVE CHICAGO AVE MILWAUKEE AVE OAK CREEK PKWY PROJECT TOTAL	3 2 3 3	363 242 363 363 1,331
				*ADDITIONAL G	UANTITIES SHOWN EL	SEWHERE						*ADDITIONAL QUANTI	TIES SHOWN EL	SEWHERE
- C NUMBER BA	643.0410 TRAFFIC CONTROL ARRICADES	643.0705* TRAFFIC CONTROL WARNING LIGHTS				CATEGO	RY LOC			<u>DL SIGNS FIXI</u> SIZE W X H EQUIRED FT X	643.1000	_		
OF <u>CATEGORY</u> <u>LOCATION</u> <u>CYCLES</u> <u>NO</u> 0010 MILL RD <u>4</u> HAWTHORNE AVE CHICAGO AVE MILWAUKEE AVE OAK CREEK PKWY PROJECT TOTAL *ADDITIONAL QUANTITIES SHOWN ELSEWHE	4 484 484	TYPE A NO. DAY 8 968 968	6 726 2 242 2 242 2 242 2 242 2 242 2 242	-		0010	CHICAG MILWAU	ORNAVE OAVE IKEEAVE EEKPKWY	9 11 18 15 8 2	6"x24" 6"x24"	11.00 18.00 15.00 8.00	MILL RD MILL RD MILL RD MILL RD MILL RD MILL RD BRIDGE CLOSED		
INLET PROTECTION			TRAFFIC CONT	<u>IROL</u>		FINISHING I	ROADWA	Y			LONG LIN	E PAVEMENT MA	<u>RKING ITEM</u>	<u>6</u>
628.70 INLET PROTECT TYPE, CATEGORY LOCATION STATION TO STATION EACH 0010 MILL RD 1+00 - 2+30 4	T INLE CTION PROTEC	LET ECTION PE C	DRY STAGE LOCATION	643.5000 TRAFFIC CONTROL N EACH 1	<u>CATEGORY S</u> 0010	ALL PROJEC	Т	213.0100 FINISHING ROADWA (PROJECT EACH	G Y	CATEGORY S 0010	STAGE LC 1 MILL RD		<u>0N TO STATION</u> - 2+30	646.1020 MARKING LINE EPOXY 4-INCH DOUBLE YELLOW LF 260
PROJECT TOTAL 4	4 TORATION IT		PROJECT TOT	AL 1	—	PROJEC	T TOTAL	1			PROJEC			260
<u>KEST</u> 625.0		8.6505 629.02	210 630.0130	630.0500		<u>WATE</u>	<u>R</u>					FENCING ITEM	<u>S</u>	SPV.0090.01
TOPS CATEGORY LOCATION STATION TO STATION SY	SOLL TY⊦	TABILIZER FERTILIZEF YPEA B ACRE CWT	MIXTURE NO. 30		TEGORY STAGE	LOCAT	10N		24.0100 MGAL	CATEGORY	ŚTAGE LO	DCATION STATION	TO STATION	FENCE WOOD RAIL LF
				0.2		DJECT-BASE CO DJECT-COMMO			5.6 0.7	0010	1 MILL F	RD 1+00	2.20	04
0010 MILL RD 1+00 - 2+30 7 UNDISTRIBUTED 2 PROJECT TOTAL 9	2 0	0.1 0.1 0.1 0.1 0.2 0.2	1	0.2	PRC	JECT TOTAL			6.3	-		ECT TOTAL	- 2+30	84 84



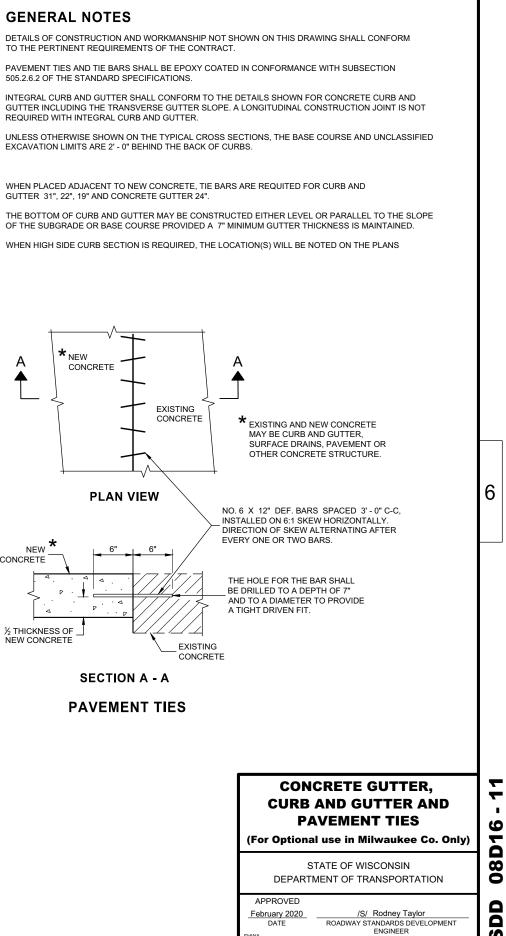
LAYOUT NAME - 050101

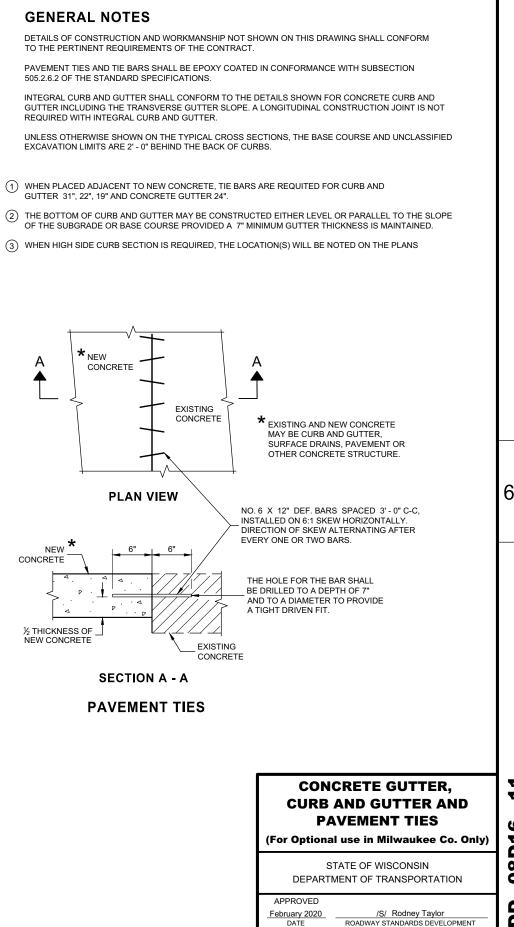
PLOT NAME :

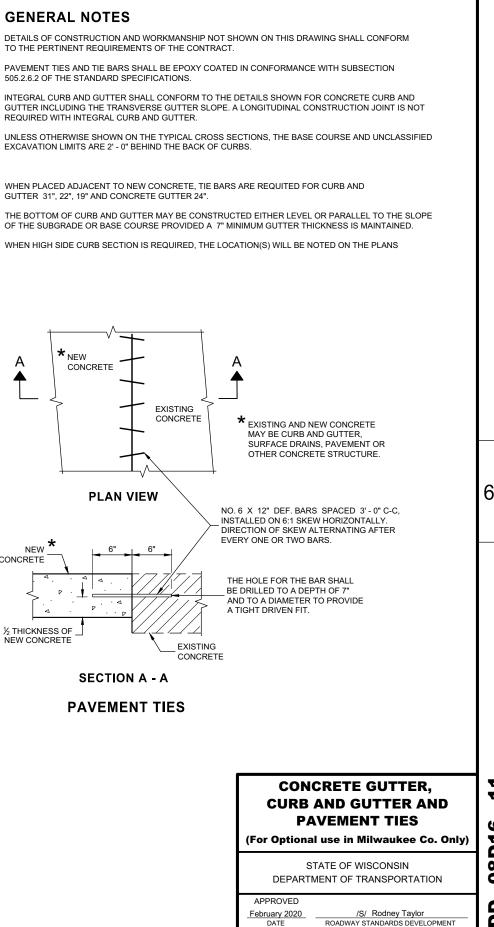
PLOT DATE : 7/26/2021 10:12 AM

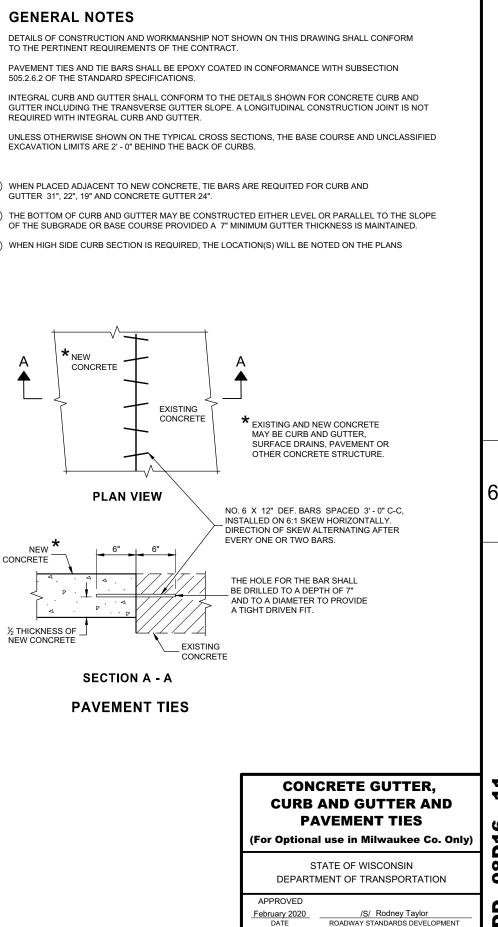
Standard Detail Drawing List

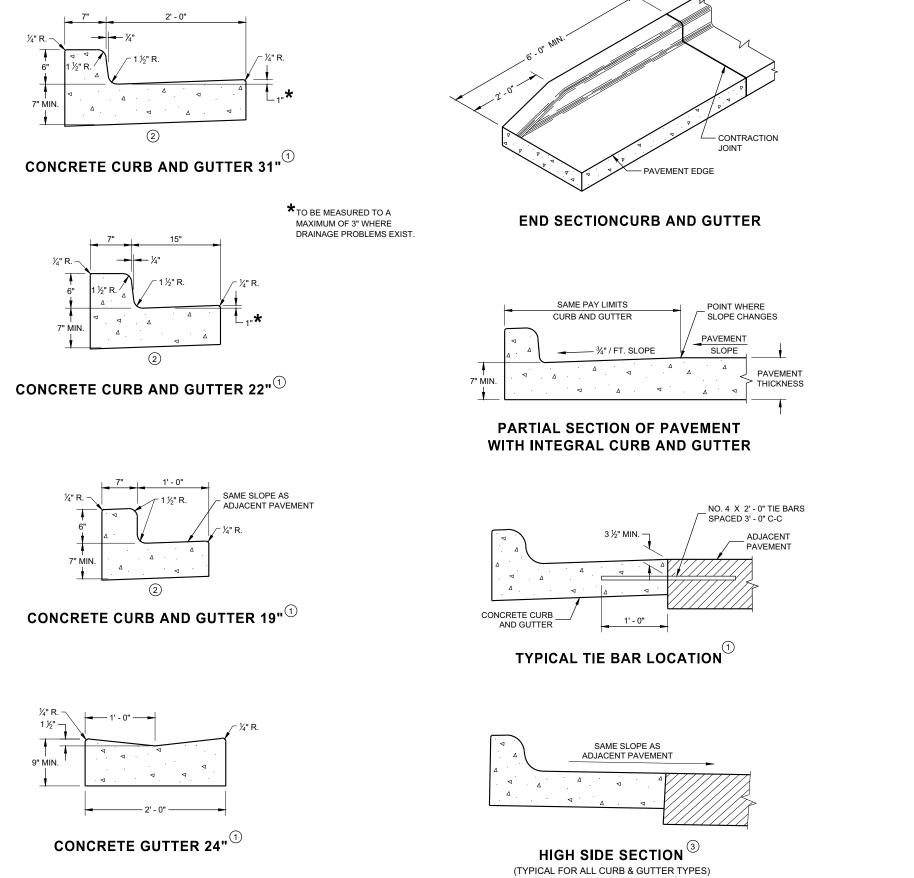
08D16-11 08E09-06	CONCRETE GUTTER, CURB AND GUTTER AND PAVEMENT TIES
08E10-02	INLET PROTECTION TYPE A, B, C AND D
13C19-03	HMA LONGITUDINAL JOINTS
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15с02-08в	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-08C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C06-09	SIGNING & MARKING FOR TWO LANE BRIDGES
15C08-20A	LONGITUDINAL MARKING (MAINLINE)
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02в	ATTACHMENT OF SIGNS TO POSTS



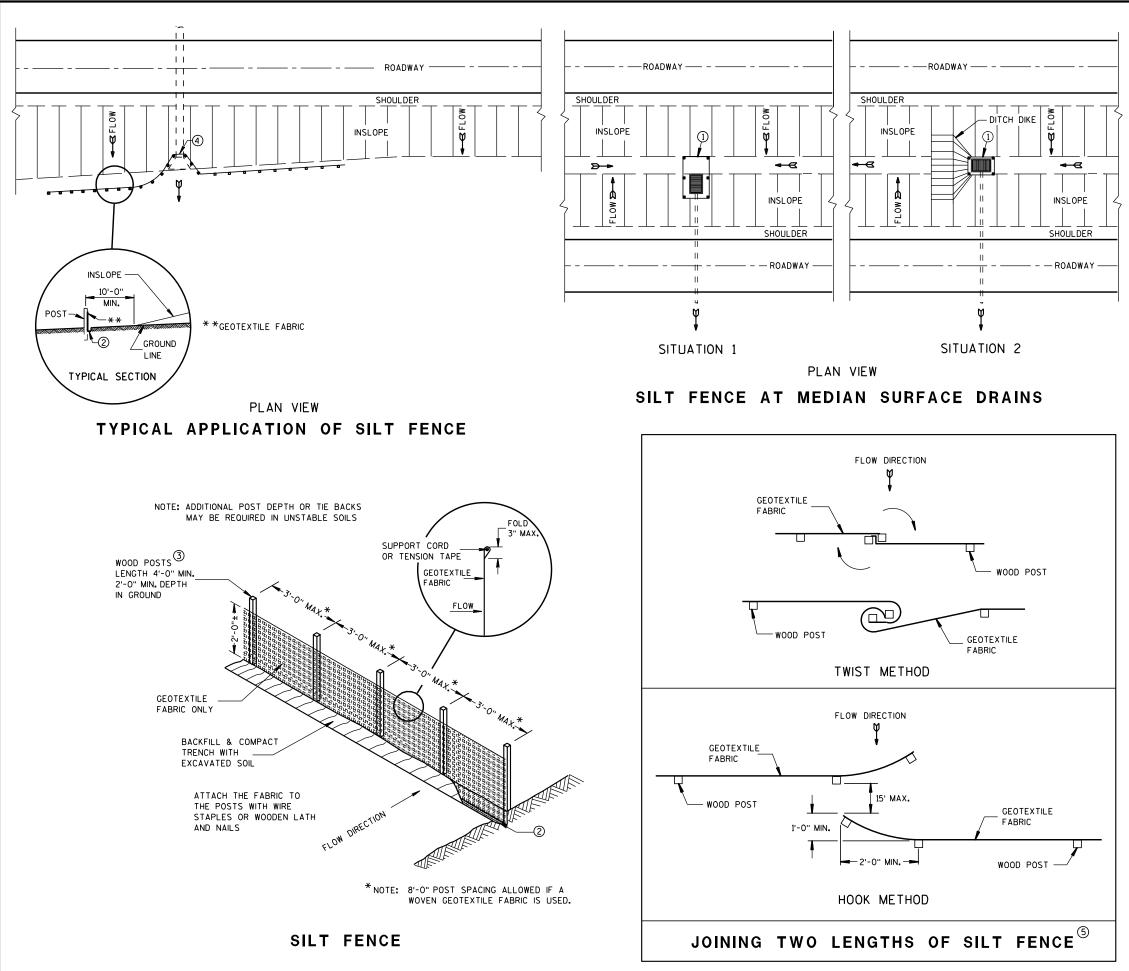








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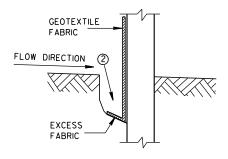
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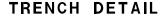
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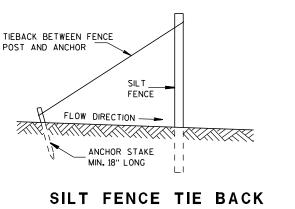
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

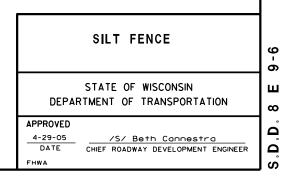
- \bigcirc horizontal brace required with 2" x 4" wooden frame or equivalent at top of posts.
- (2) FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- (3) WOOD POSTS SHALL BE A MINIMUM SIZE OF $1/_8$ " X $1/_8$ " OF OAK OR HICKORY.
- (4) SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
- (5) CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

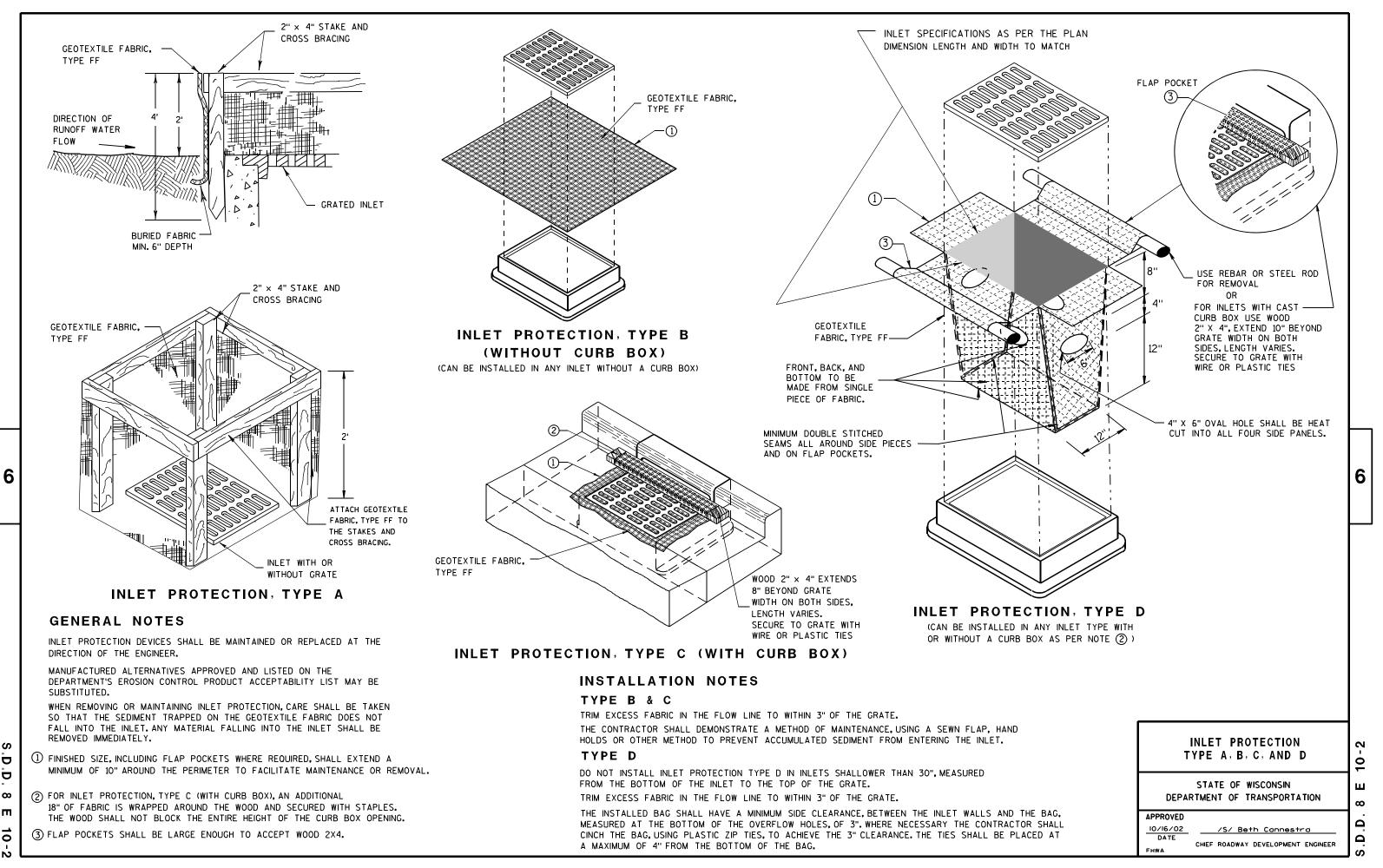




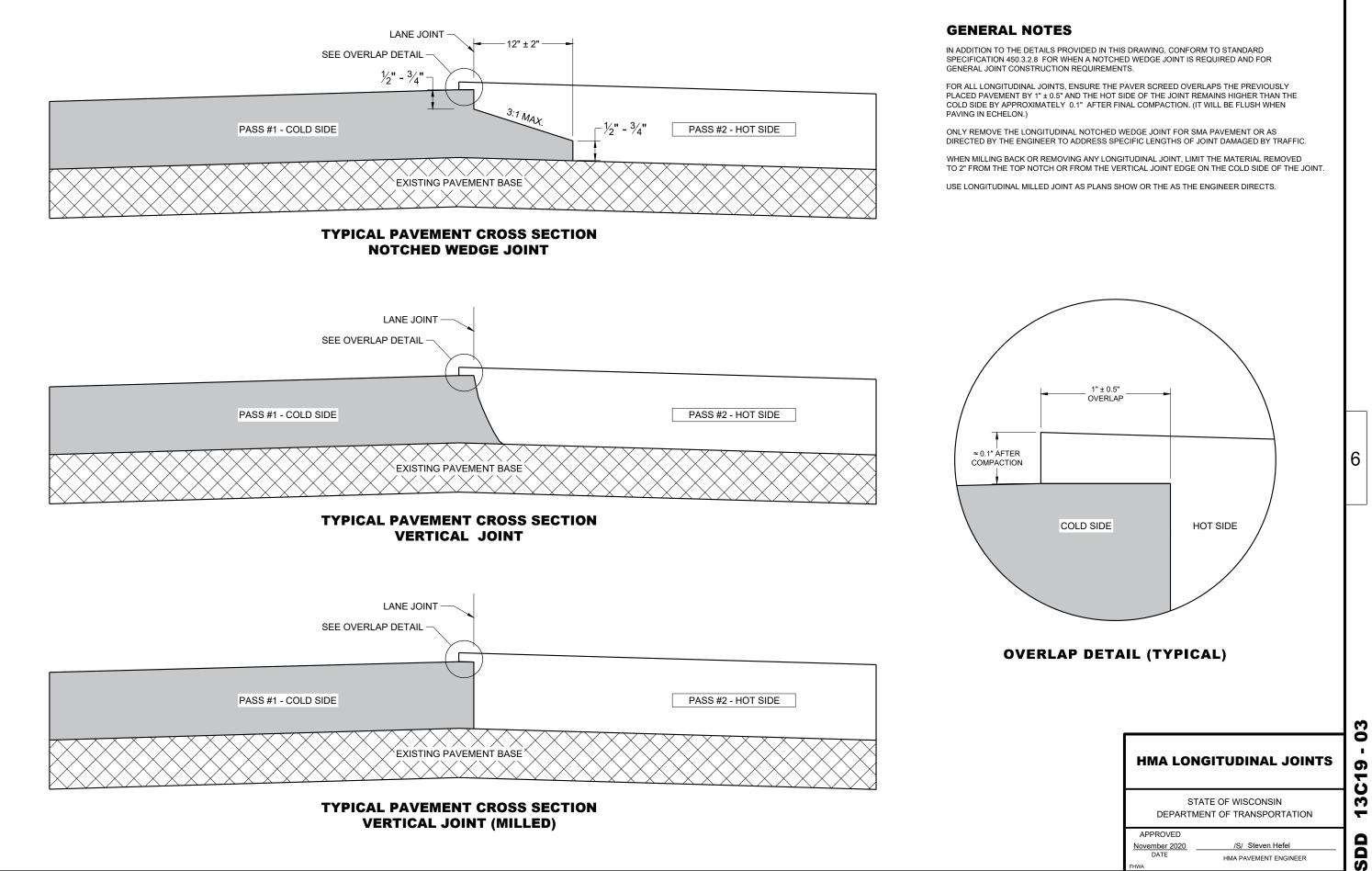


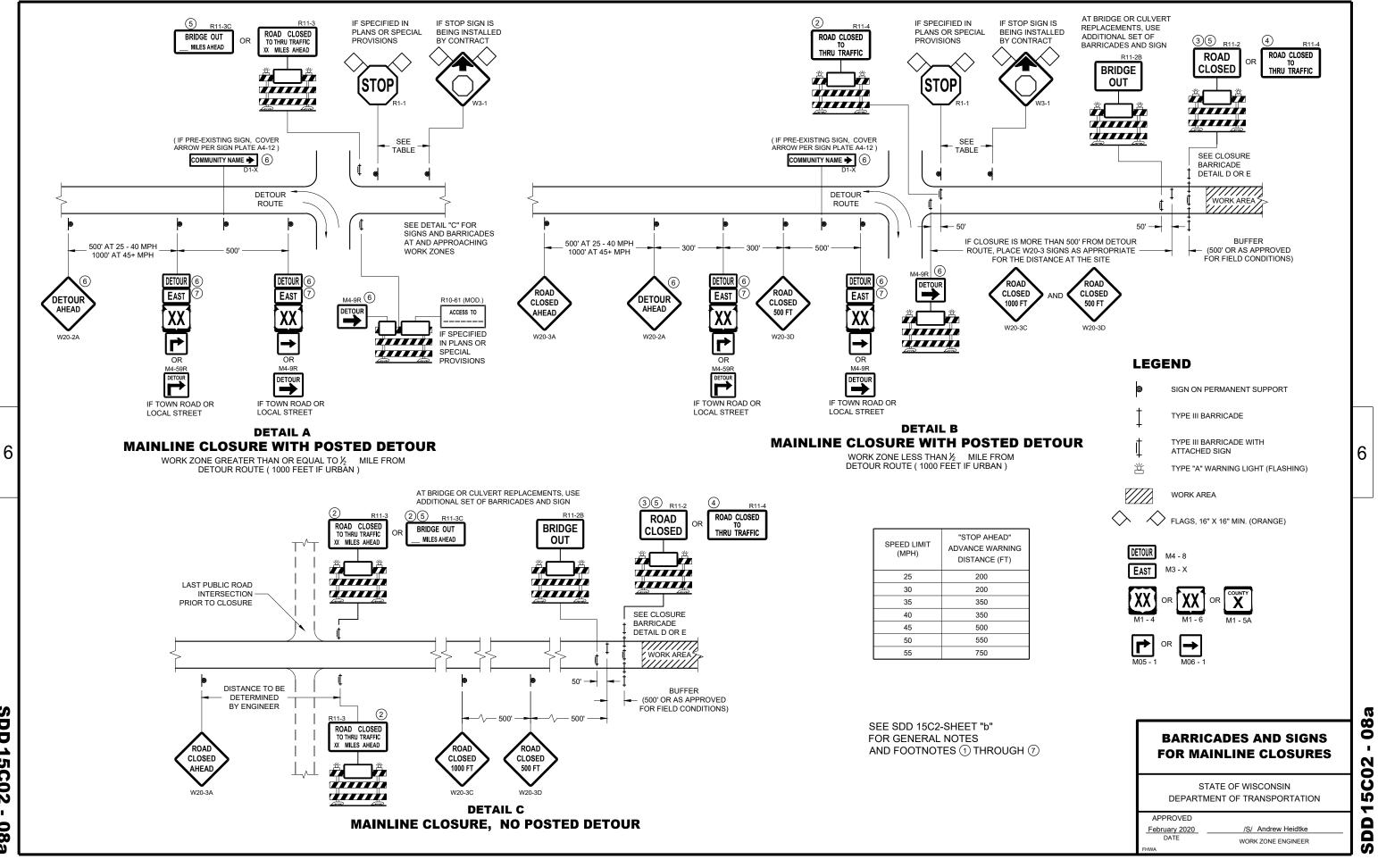
(WHEN REQUIRED BY THE ENGINEER)

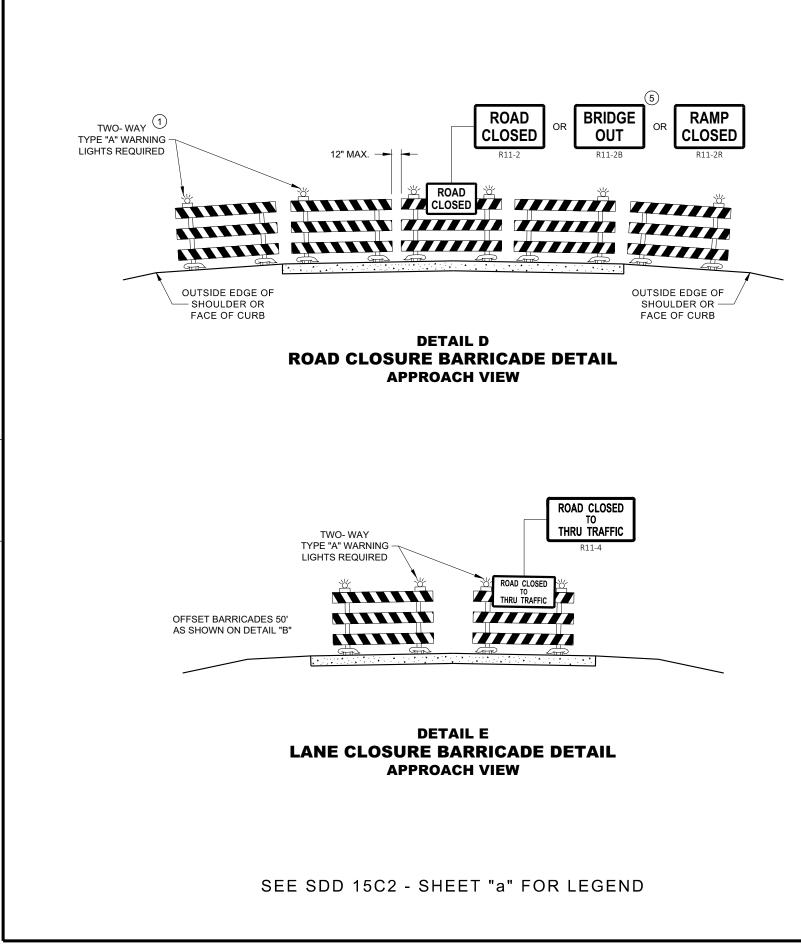




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GENERAL NOTES

FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SUPPORTS.

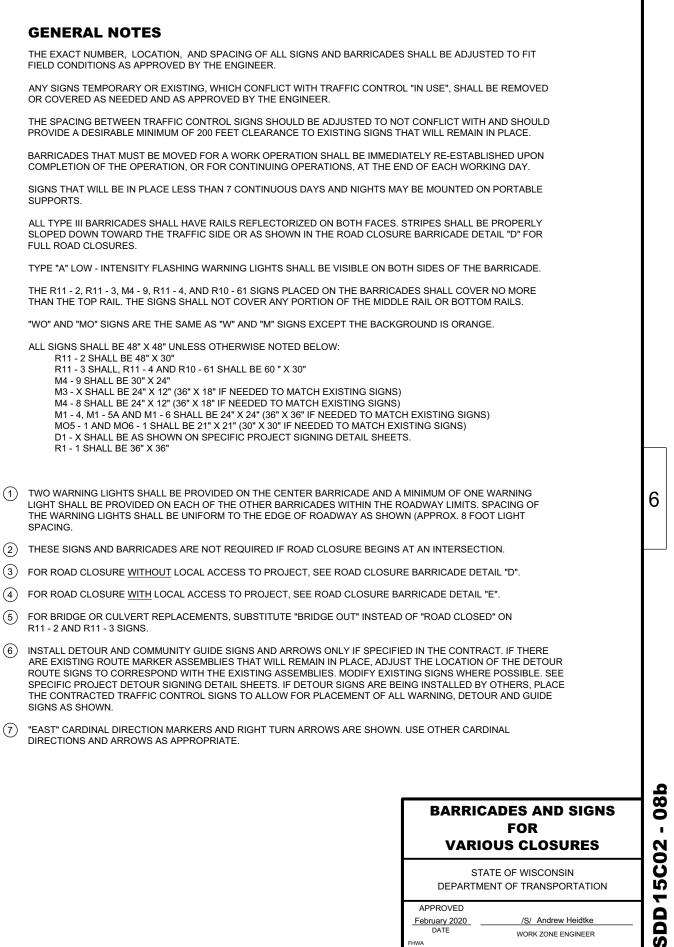
FULL ROAD CLOSURES.

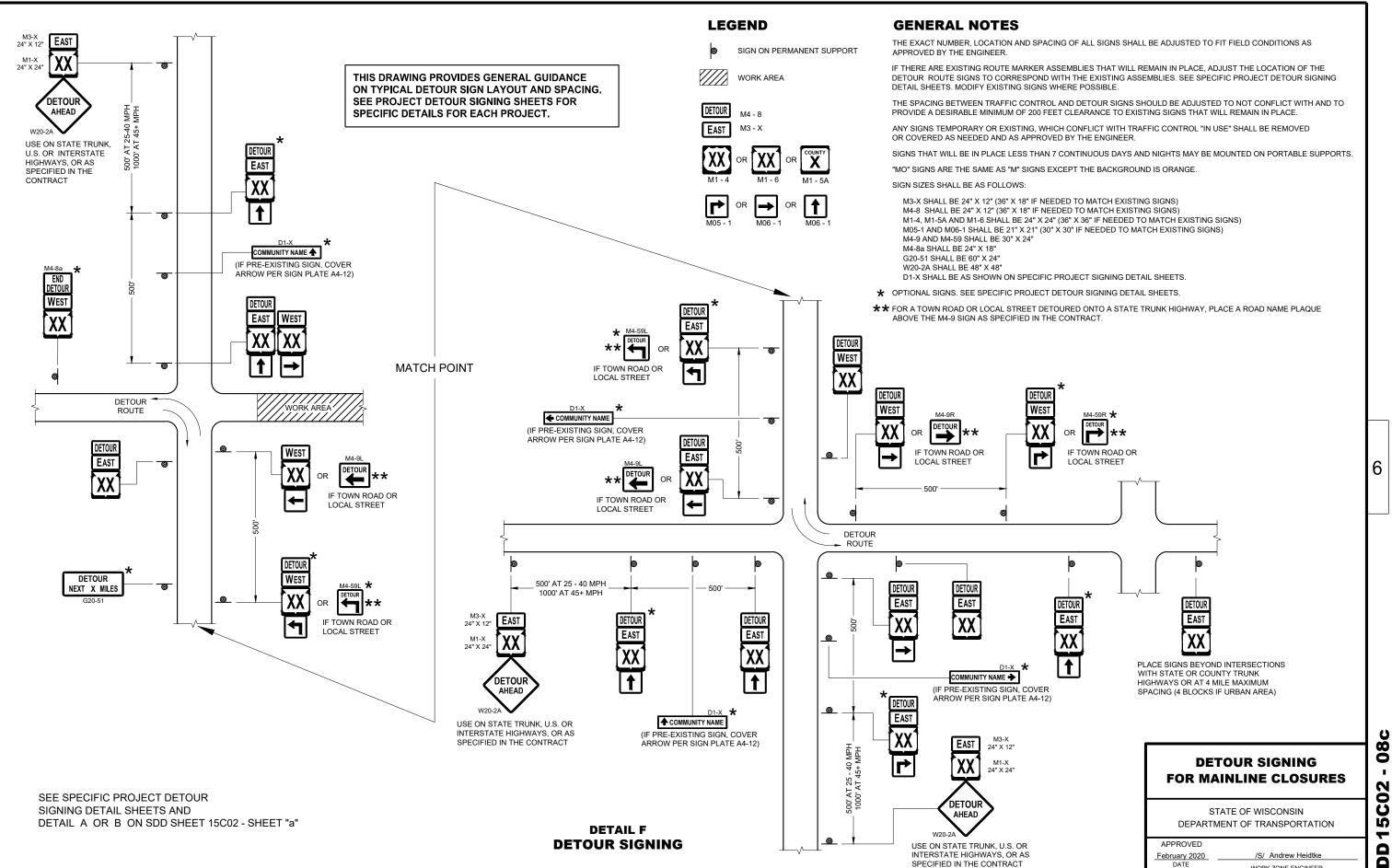
THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

- ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW: R11 - 2 SHALL BE 48" X 30"
 - R11 3 SHALL, R11 4 AND R10 61 SHALL BE 60 " X 30" M4 - 9 SHALL BE 30" X 24"
 - M3 X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
 - M4 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)

 - R1 1 SHALL BE 36" X 36"
- (1)TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING
- (2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.
- (4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".
- (5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.
- (6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE SIGNS AS SHOWN.
- (7)"EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.





SDD 15C02 0 80

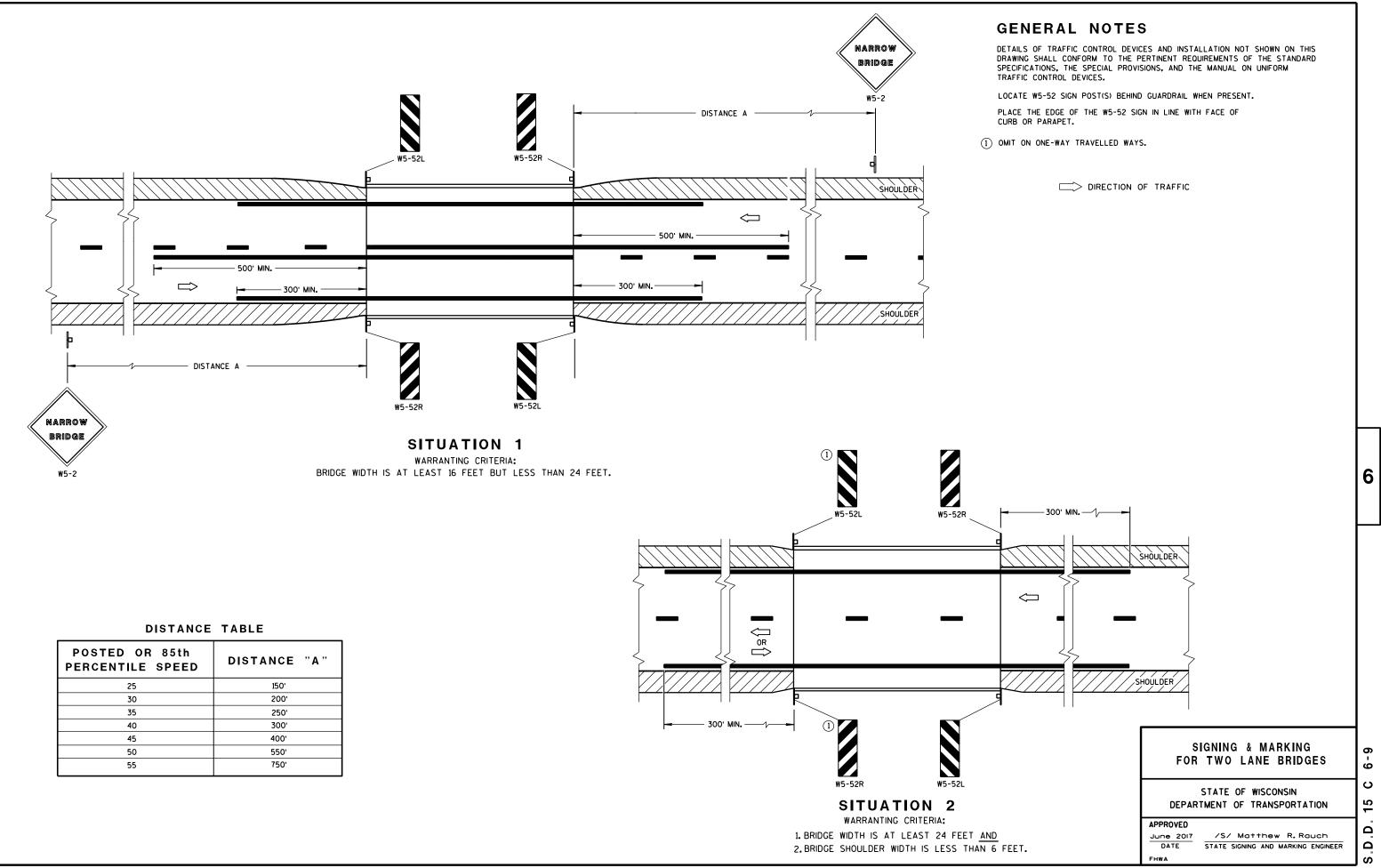
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February 2020 DATE

WORK ZONE ENGINEER

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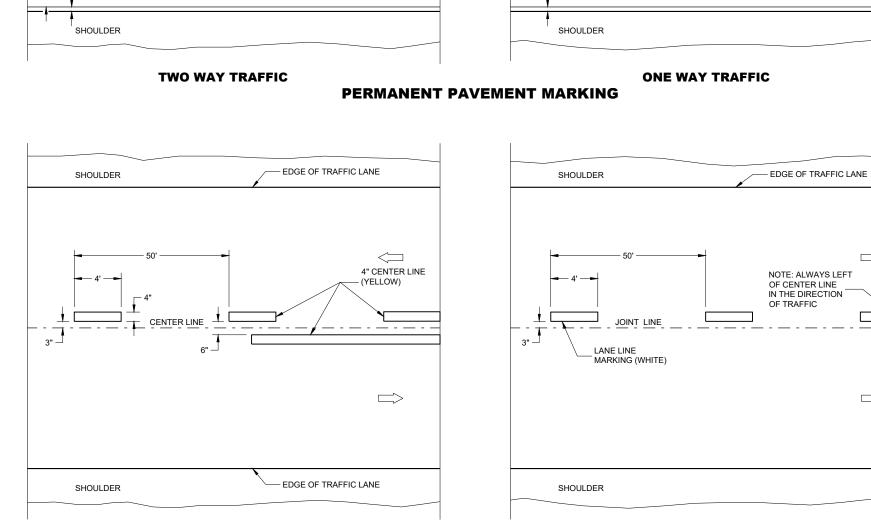


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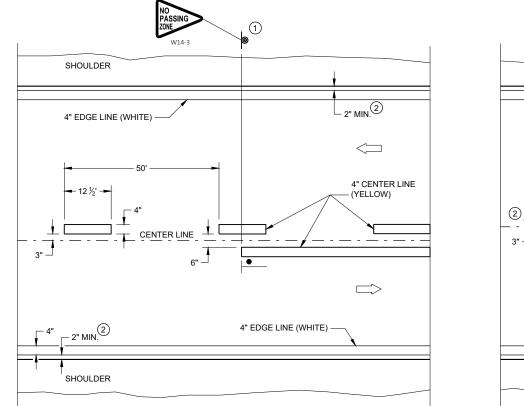
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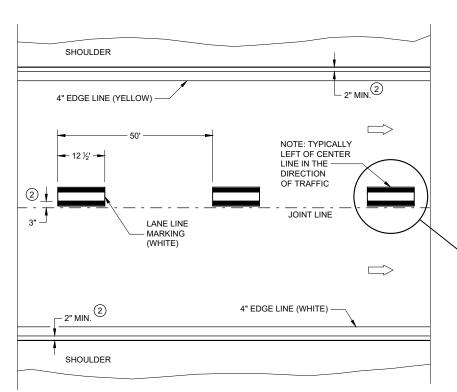




TEMPORARY PAVEMENT MARKING

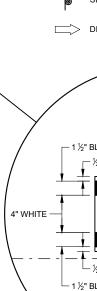


TWO WAY TRAFFIC



ONE WAY TRAFFIC





 \Box

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GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

1 LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

" BLACK CONTRAST — ½" MAX. GROOVE		
_		
	JOINT LINE	/
' BLACK CONTRAST		

LONGITUDINAL MARKING (MAINLINE)

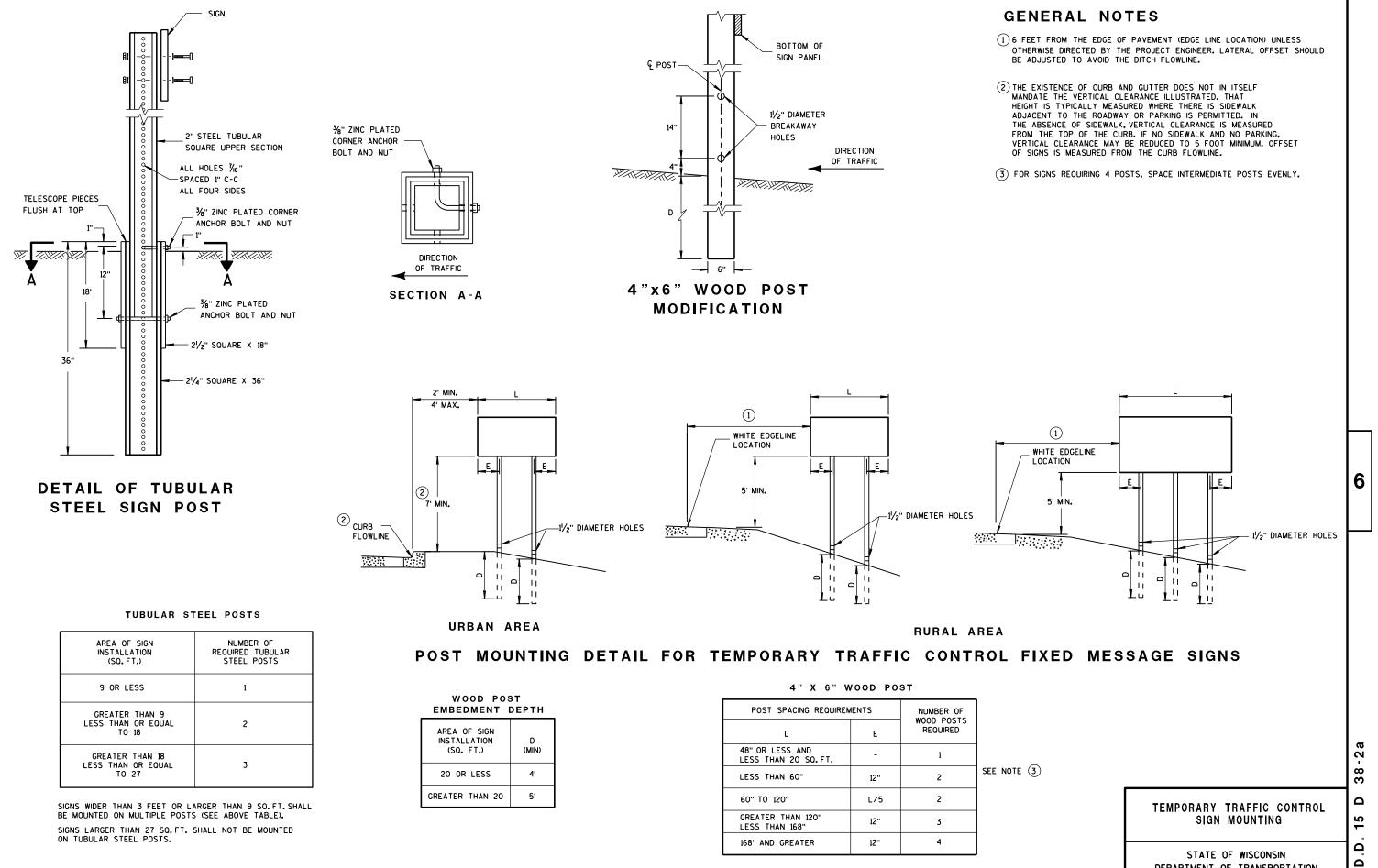
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED February 2020 DATE

/S/ Matthew Rauch STATEWIDE SIGNING AND MARKING ENGINEER

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SDD15C08 - 20



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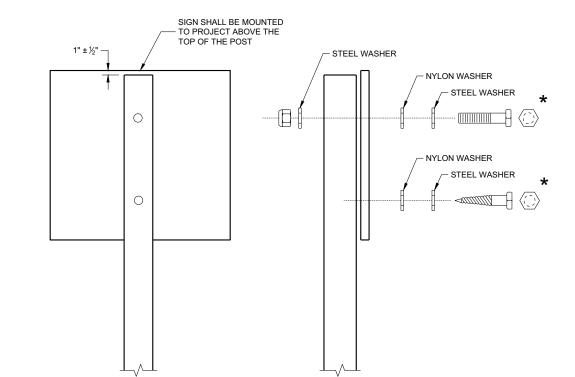
6

DEPARTMENT OF TRANSPORTATION

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SDD 15D38 н. **02b**

6



A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D, OR SC 3 B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC 3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

WOOD POST (4" x 6") LAG SCREWS - 3/8" x 3" MACHINE BOLTS - $\frac{5}{16}$ " x 6 $\frac{1}{2}$ " OR 7" LENGTH W/NUTS

SQUARE STEEL POST (2" x 2") MACHINE BOLTS - 3/8" x 3 1/4" LENGTH W/NUTS RIVETS - ⁹/₃₂" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE 0.720 - 0.765 INCH, GRIP RANGE 0.042 - 0.375 INCH

WASHERS (ALL POSTS) -1 ¼" O.D. x ¾" I.D. x ¼6" STEEL 1 ¼" O.D. x ¾" I.D. x 0.080 NYLON

★ TWO DIFFERENT FASTENING SYSTEMS ARE SHOWN FOR ILLUSTRATION PURPOSES. ON ANY INDIVIDUAL SIGN, EITHER ONE OR THE OTHER SYSTEM SHALL BE USED. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA. FOR A SINGLE POST INSTALLATION, ALL SIGNS GREATER THAN 9 SQ. FT. REQUIRE THE USE OF 3 FASTENERS.

NUTS, BOLTS AND LAGS USED FOR MOUNTING SIGNS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

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ATTACHMENT OF SIGNS TO POSTS

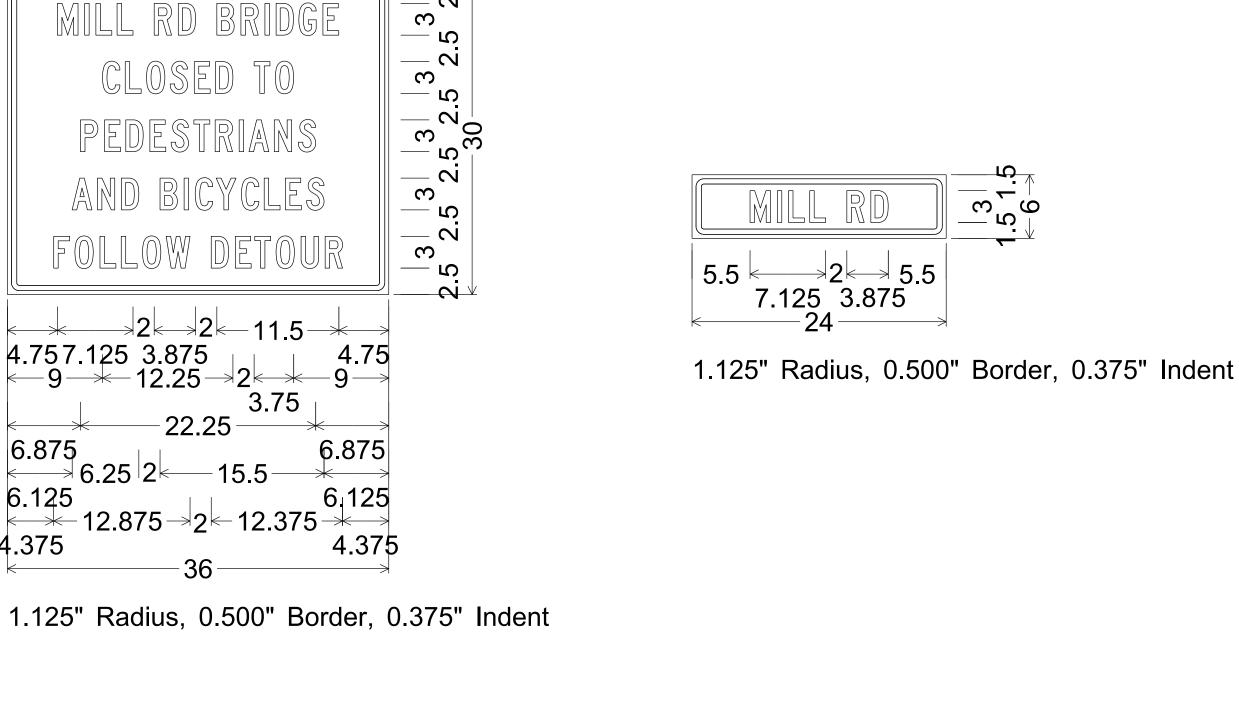
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED June 2017 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER

NOTES

- 2. Color:
 - Background Orange
 - Message Black
- 3. Message Series C



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3



PLOT DATE : 27-JUL 2021 9:51

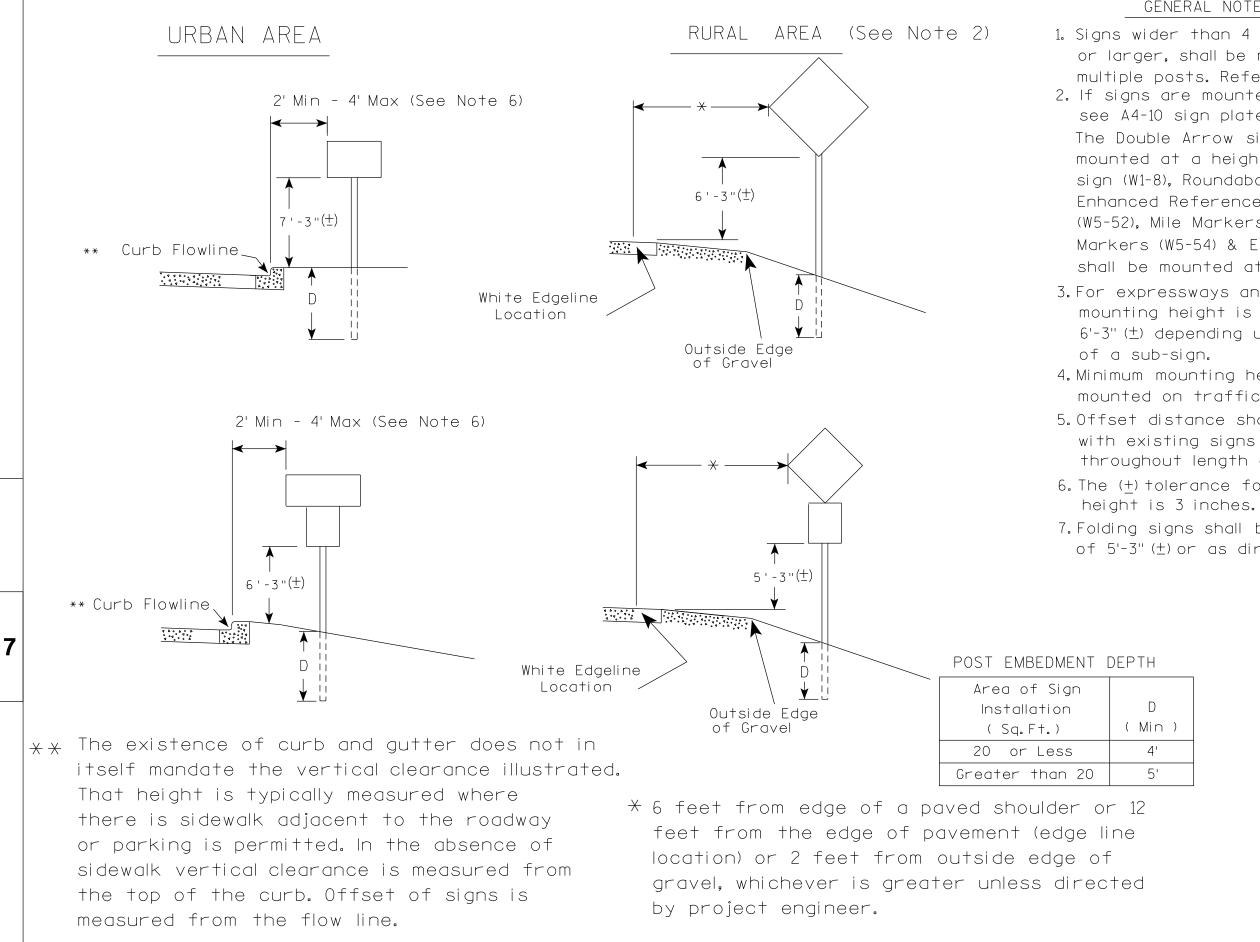
FILE NAME : C:\CAEfiles\Projects\D2_2408b721FMS.dgn

1. Fixed Message Signs - Type II Type F Reflective



SHEET NO:

7

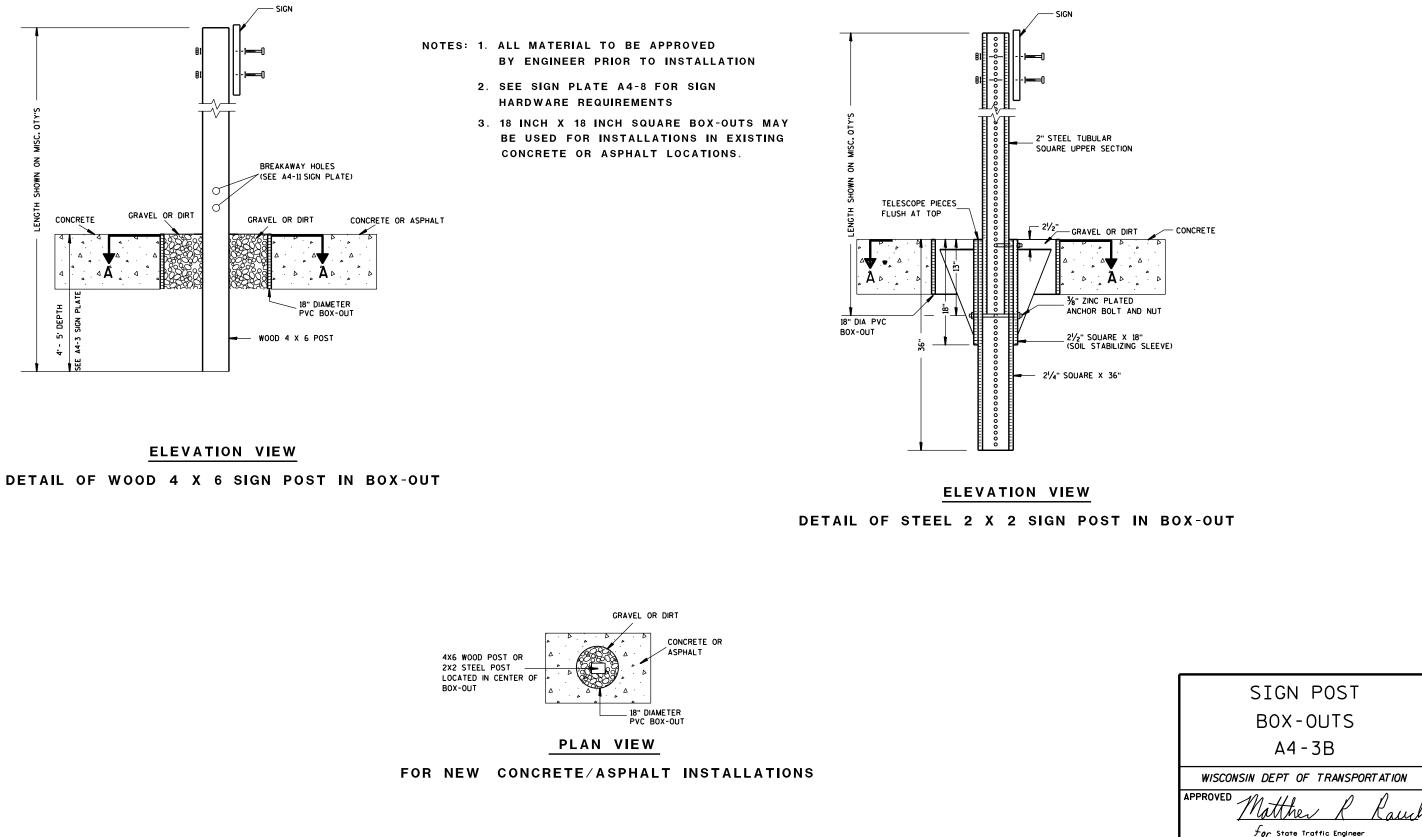


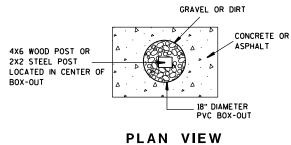
PROJECT NO:	HWY:	COUNTY:			
			DUAT DATE AT MAN AND A A	A DI OT DY O	DLOT NAME -

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4. 2. If signs are mounted on or behind barrier wall. see A4-10 sian plate. The Double Arrow sign (W12-1D) shall be mounted at a height of $2'-3''(\pm)$. The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52). Mile Markers (D10 series). In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3'' (+). 3. For expressways and freeways, mounting height is 7'- 3" (\pm) or $6'-3''(\pm)$ depending upon existence 4. Minimum mounting height for signs mounted on traffic signal poles is 5' - 3'' (+). 5. Offset distance shall be consistent with existing signs or consistent throughout length of project. 6. The (+) tolerance for mounting 7. Folding signs shall be mounted at a height of 5'-3" (\pm) or as directd by the Engineer.

)	
	TYPICAL INSTALLATION
	OF PERMANENT TYPE II
	SIGNS ON SINGLE POSTS
	WISCONSIN DEPT OF TRANSPORTATION
	APPROVED Matthew & Rauch For state Traffic Engineer
	DATE <u>5/13/202</u> 0 PLATE NO. <u>A4-3.22</u>
	SHEET NO: E
PLOT SCALE : \$\$	WISDOT/CADDS SHEET 42





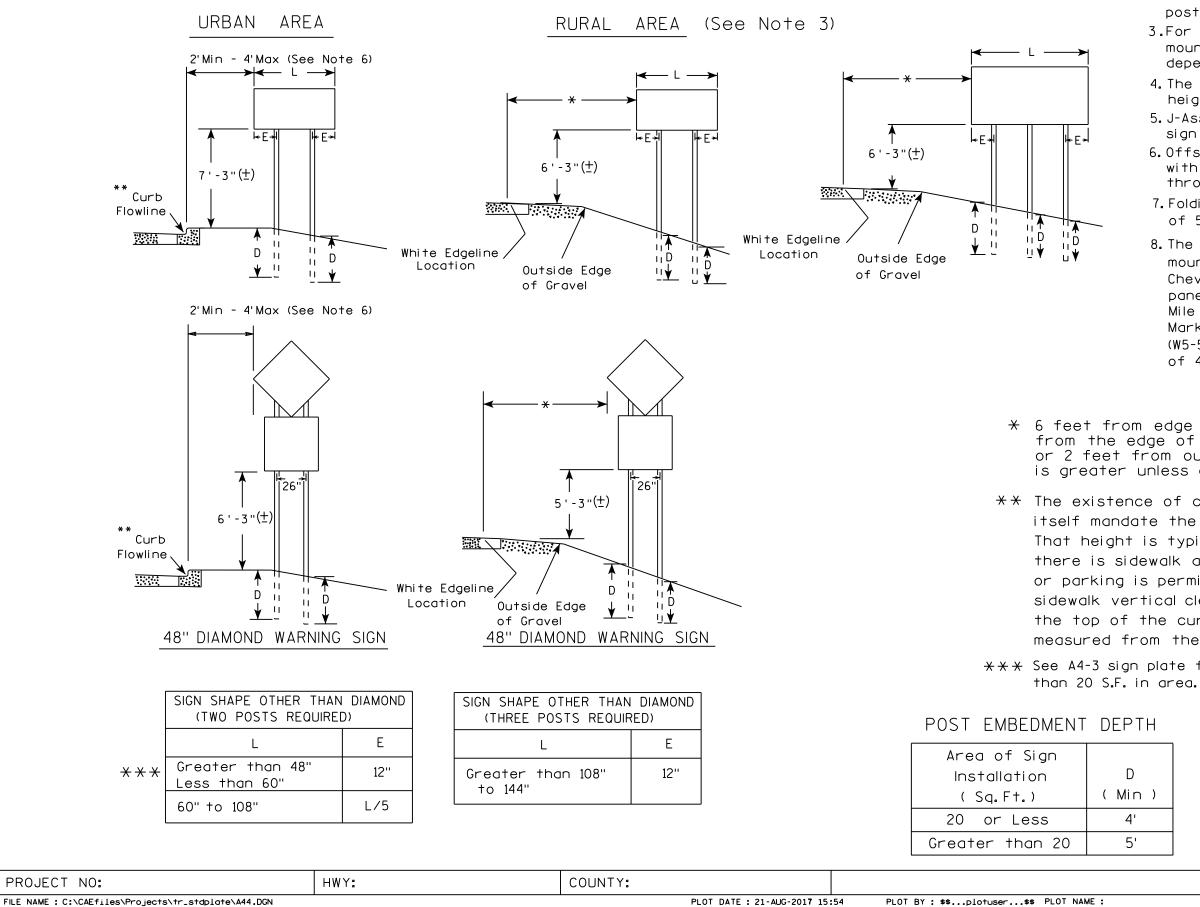
PROJECT NO:	HWY:	COUNTY:				
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN			PLOT DATE : 27-JAN-2014 09:4	8	PLOT BY : mscsja	PLOT NAME :

DATE <u>1/27/14</u>

SHEET NO:

PLATE NO. <u>A4-3B.1</u>

Ε



FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A44.DGN

7

GENERAL NOTES

- 1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
- 2. See tables below for required number of posts.
- 3.For expressways and freeways, mounting height is $7'-3''(\pm)$ or $6'-3''(\pm)$ depending upon existence of sub-sign.
- 4. The (±) tolerance for mounting height is 3 inches.
- 5. J-Assemblies are considered to be one sign for mounting height.
- 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 7. Folding signs shall be mounted at a height of 5'-3" (\pm) or as directed by the engineer.
- 8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3'' (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

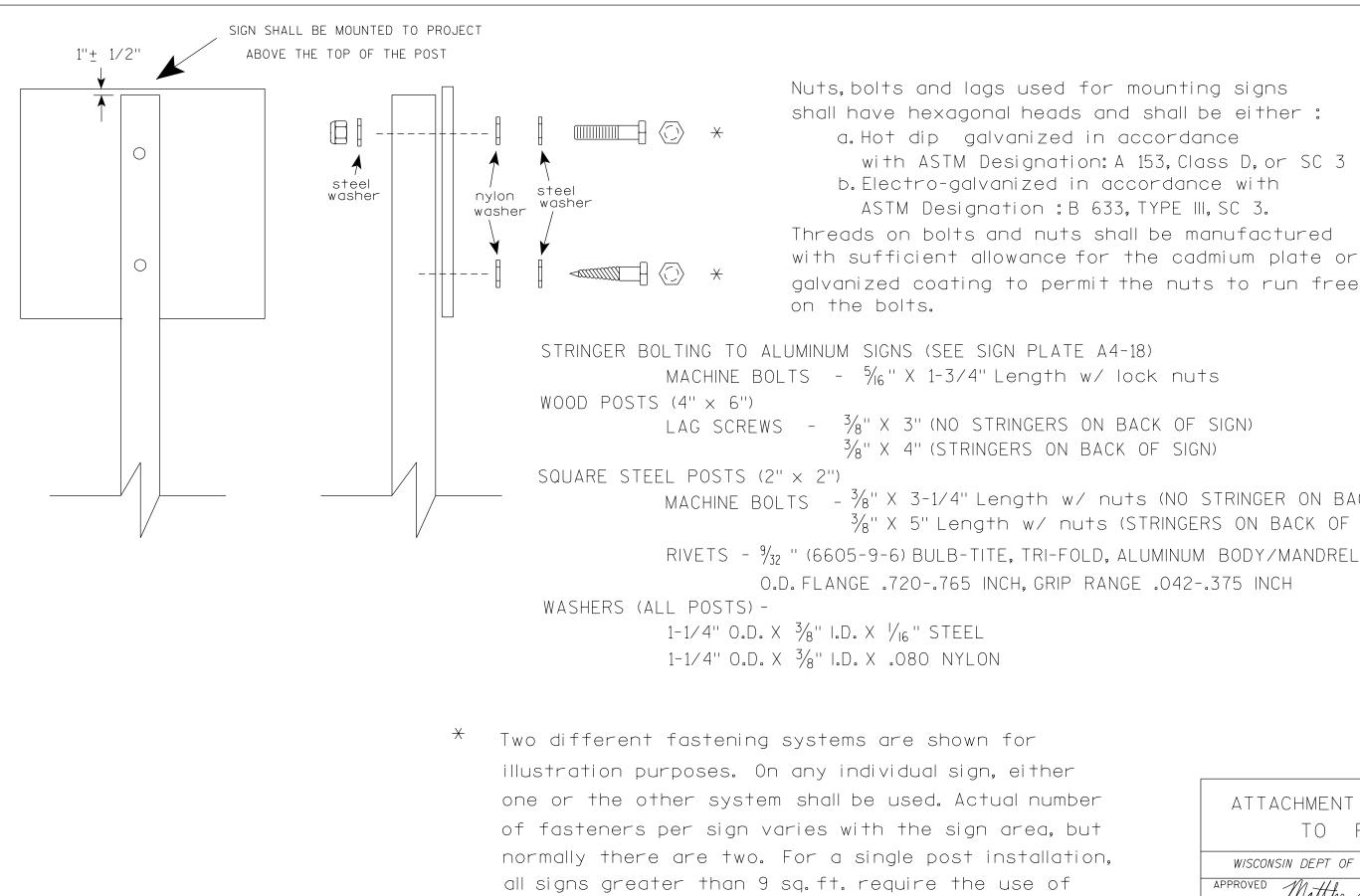
** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

 \times \times See A4-3 sign plate for signs 4' or less in width and less

H	TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS
)	WISCONSIN DEPT OF TRANSPORTATION
,	APPROVED Matther & Rauch
	For State Traffic Engineer
	DATE 8/21/17 PLATE NO. 44-4.15
	SHEET NO: E
DI AT. CA	L 5 - 100 100007-1 00000

PLOT SCALE : 108.188297:1.000000

WISDOT/CADDS SHEET 42



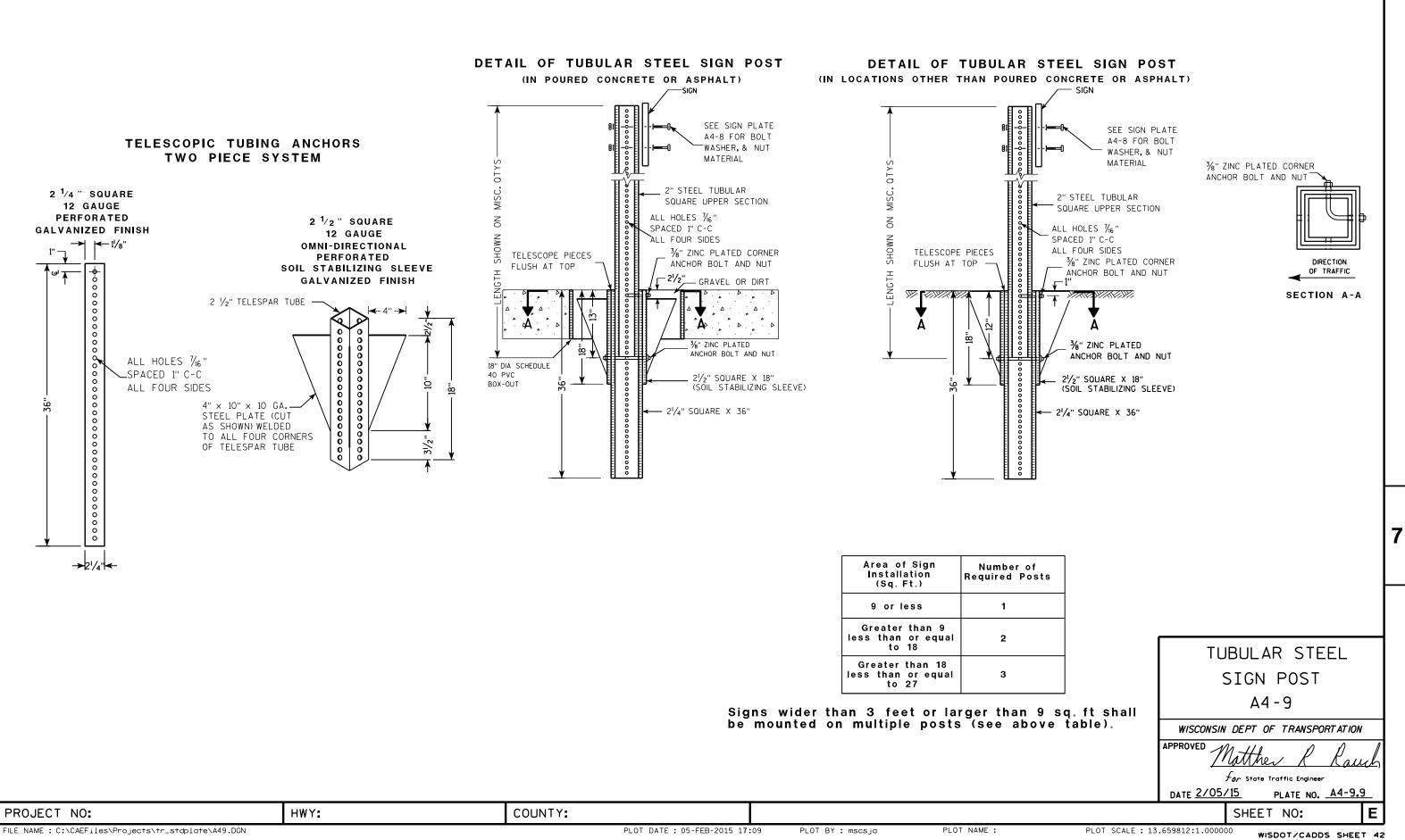
3 fasteners.

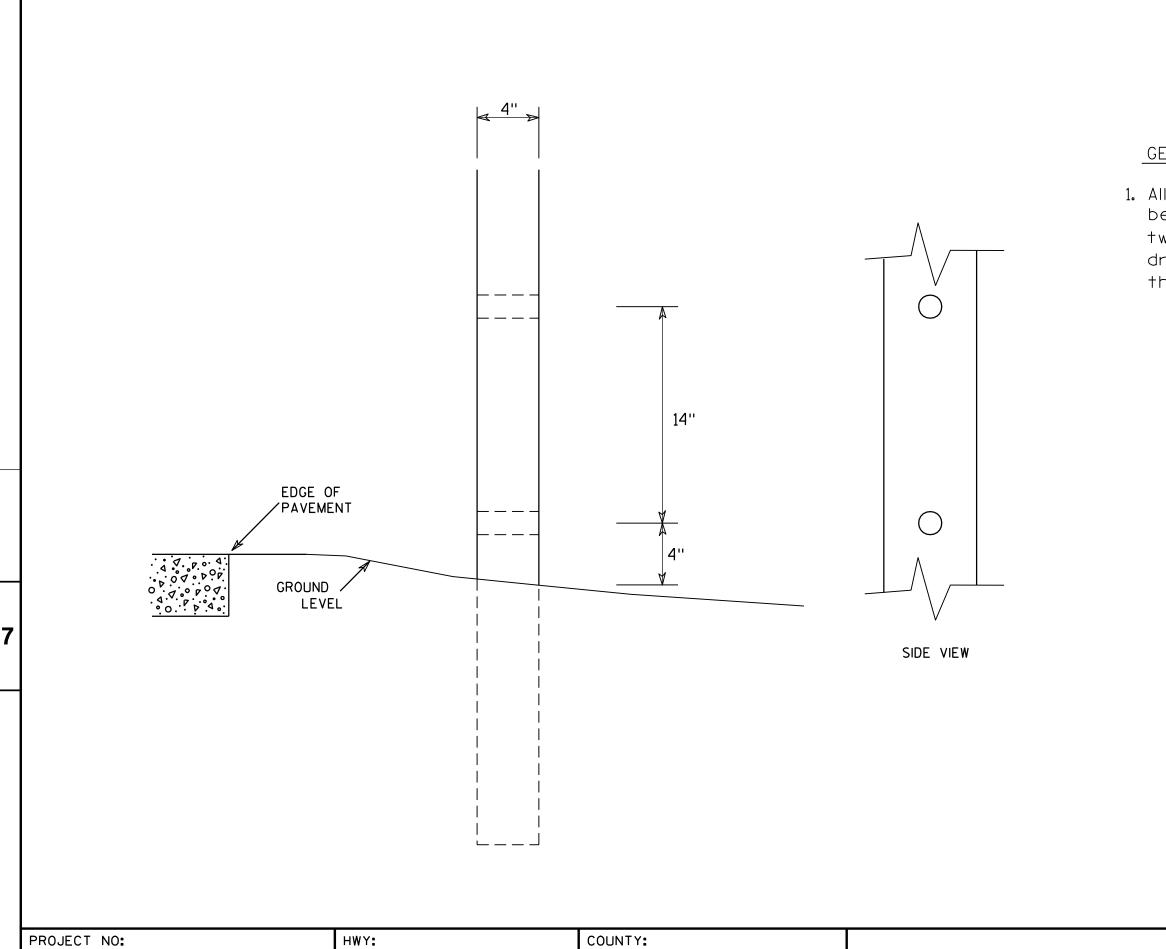
Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either : a. Hot dip galvanized in accordance with ASTM Designation: A 153. Class D. or SC 3 b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3. Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely

 $\frac{3}{8}$ " X 4" (STRINGERS ON BACK OF SIGN)

MACHINE BOLTS - ³/₈" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN) 3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

ATTACHMENT OF SIGNS TO POSTS
WISCONSIN DEPT OF TRANSPORTATION
APPROVED Matthew R Rauch
<i>+or</i> State Traffic Engineer
DATE <u>4/1/202</u> 0 plate no. <u>44-8.9</u>
SHEET NO: E



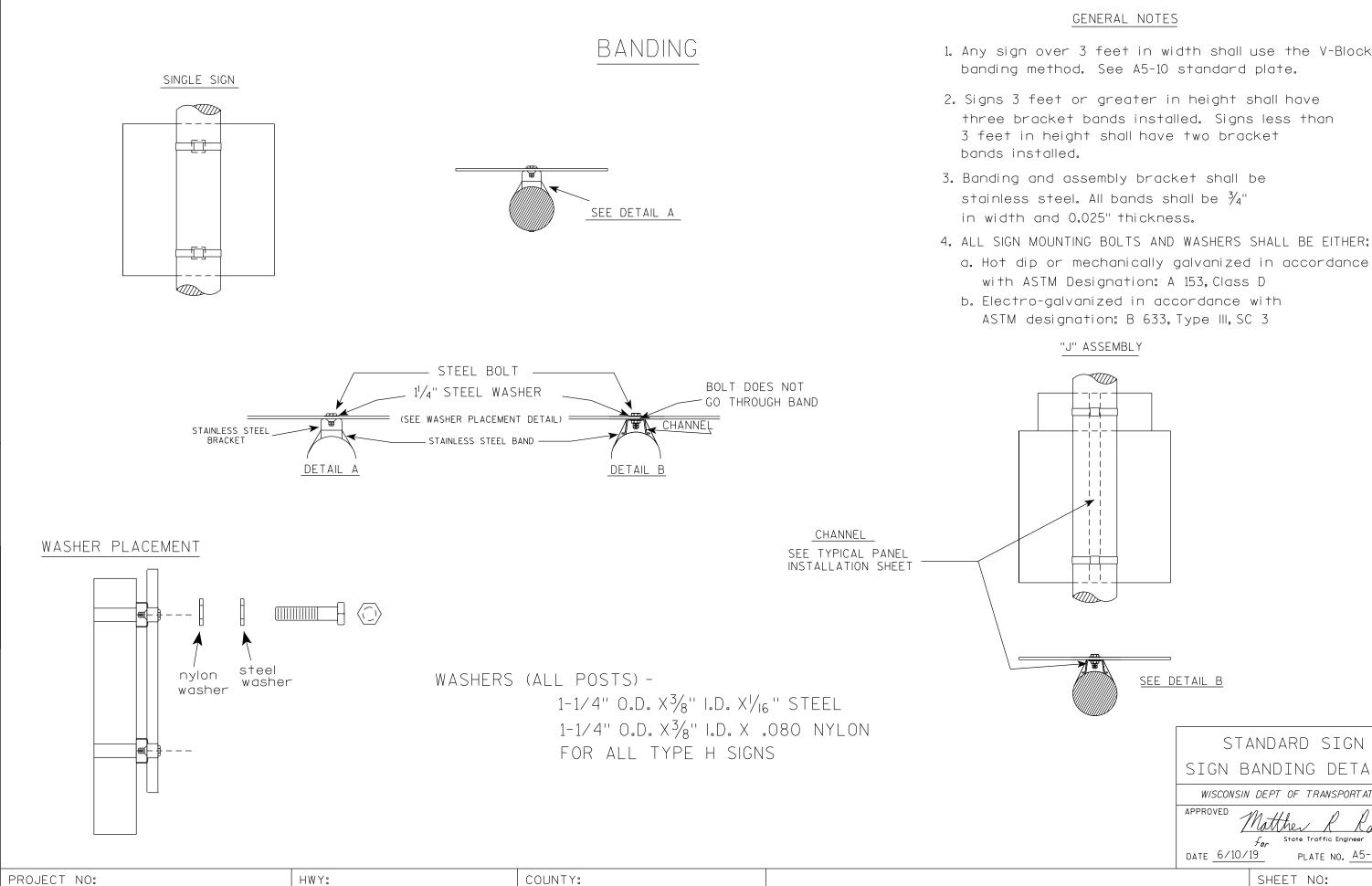


FILE NAME : C:\Users\Projects\tr_stdplate\A411.DGN

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two $1\frac{1}{2}$ " diameter holes drilled perpendicular to the roadway centerline.

	4	Х	6	WOO	DF	POST	
		MOD	IF	FICA	ΤI	ONS	
	WISC	onsin l	DEF	PT OF T	RANS	PORT AT IO	N
	APPROVE	D		nester .	Γź	Spang	
			tor	State Tr	affic E	ngineer	
	DATE 3	/27/9	<u>17</u>	PLA	TE N	D. <u>44-11</u>	2
				SHEET	N0:		E
OT SCALE	E:6.20 7 33	8:1.0000	000	WISD	от/с	ADDS SHE	ET 42



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PLOT NAME :

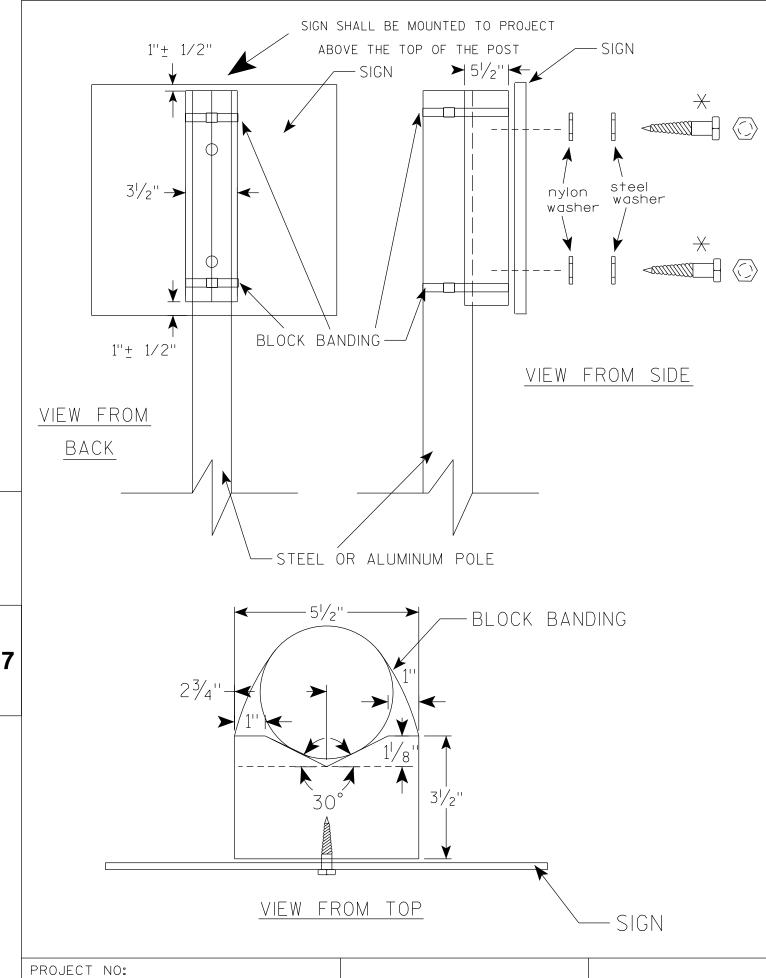
GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.

three bracket bands installed. Signs less than 3 feet in height shall have two bracket

a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

T	<u>SEE DETAIL B</u>
	STANDARD SIGN
	SIGN BANDING DETAILS
	WISCONSIN DEPT OF TRANSPORTATION
	APPROVED Matthe R Rauch For State Traffic Engineer
	DATE 6/10/19 PLATE NO. 45-9.4
	SHEET NO: E
PLOT	SCALE: \$\$plotscale\$\$ WISDOT/CADDS SHEET 42



GENERAL NOTES

- WISDOT STANDARD SPECIFICATIONS
- AND 0.025" THICKNESS
- 9 S.F. 3 FASTENERS SHALL BE USED.
- with ASTM Designation: A 153, Class D
 - b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
- 6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
- 7. STEEL WASHERS SHALL BE 11/4" O.D. X 3/8" I.D. X 1/16"
- OR TYPE F FACE SIGN

 \rightarrow LAG BOLTS SHALL BE $\frac{3}{8}$ " X 2¹/₂"

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A510.dgn

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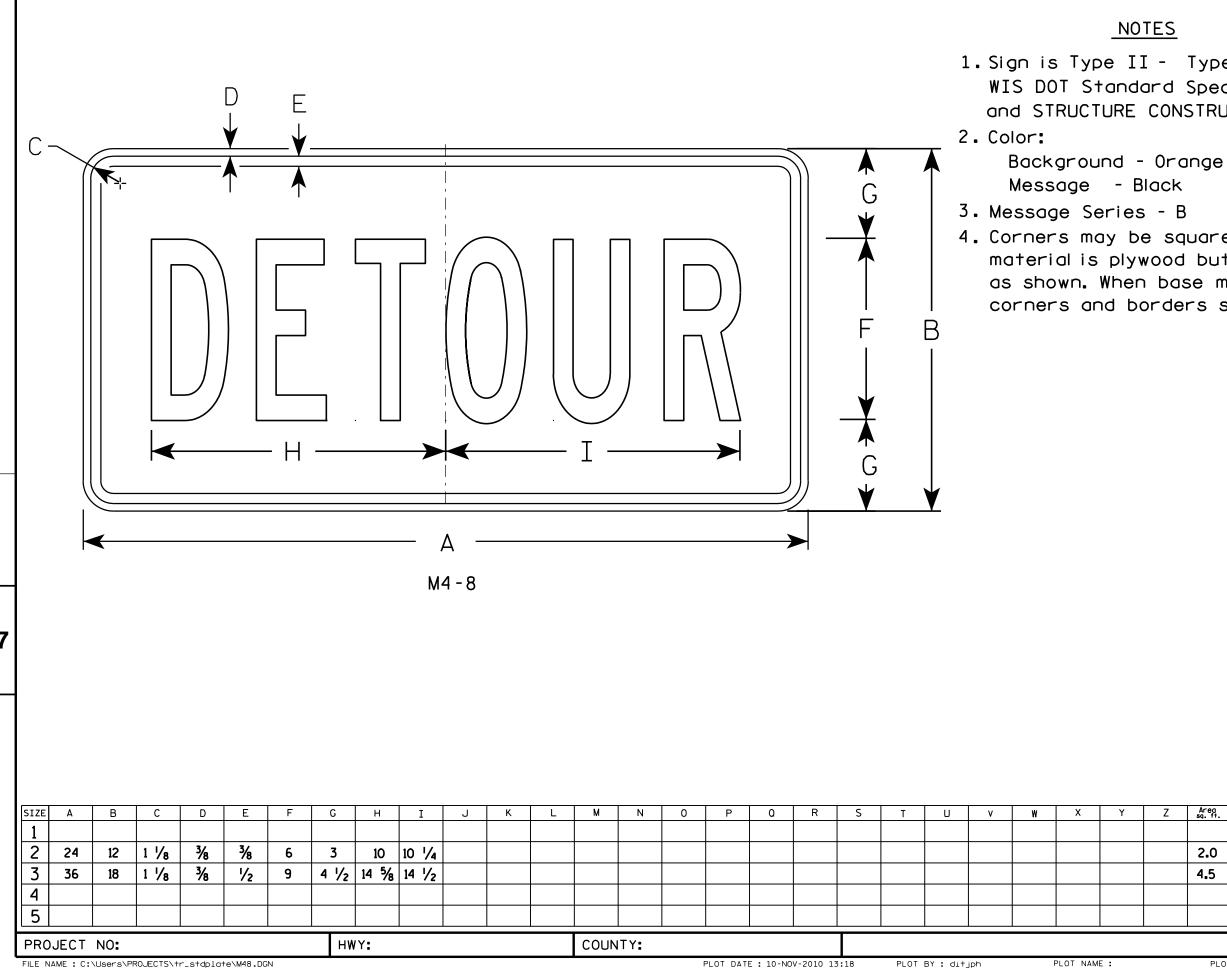
1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE

2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, $\frac{3}{4}$ " WIDTH

3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS 4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER: a. Hot dip or mechanically galvanized in accordance 8. NYLON WASHERS SHALL BE $1^{1}/_{4}$ " O.D. X $\frac{3}{8}$ " I.D. X .080 FOR TYPE H

_	
	BLOCK BANDING DETAIL (V-BLOCK OPTION)
	WISCONSIN DEPT OF TRANSPORTATION
-	APPROVED Matther R Rauch
	<i>for</i> State Traffic Engineer
	DATE <u>6/10/19</u> PLATE NO. <u>45-10.2</u>
	SHEET NO: E
	I

WISDOT/CADDS SHEET 42



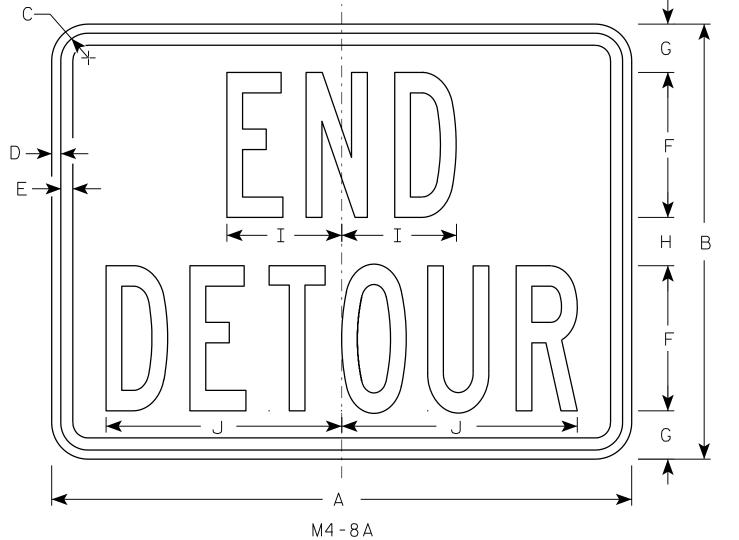
1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Z Areo sq. ff.	STANDARD SIGN
<u> </u>	M4 - 8
2.0	WISCONSIN DEPT OF TRANSPORTATION
4.5	APPROVED Matther R Rauch
	For State Traffic Engineer DATE <u>11/10/10</u> PLATE NO. <u>M4-8.2</u>
	SHEET NO: E
PLOT SCALE : 4	767233:1.000000 WISDOT/CADDS SHEET 42



- WIS DOT Standard and STRUCTURE CON
- 2. Color:
 - Background Or Message – Black
- 3. Message Series -
- 4. Corners may be so material is plywood as shown. When ba corners and borde

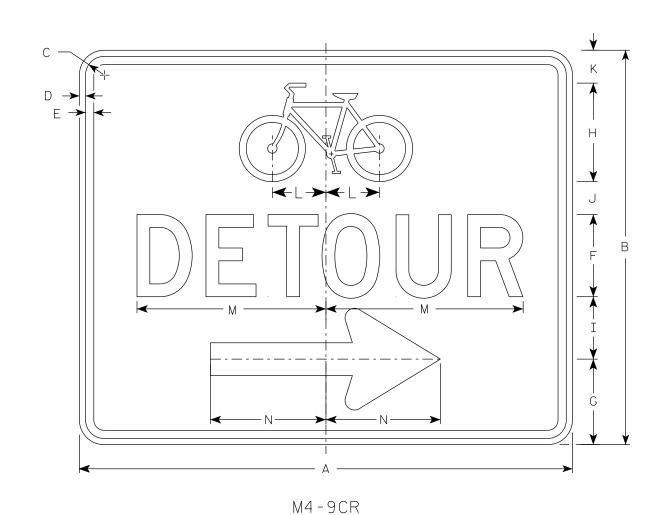


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L																									
2	24	18	1 1/8	3⁄8	1/2	6	2	2	4 3/4	9 3⁄4															
3	30	24	1 1/8	3⁄8	1/2	8	2 1/2	3	6 3⁄4	13															
1																									
5																									

NOTES

Specificatio	ective - reference on for HIGHWAY latest edition.
ange <	
d but borde	unded when base rs shall be rounded is metal, the rounded.
	-
	STANDARD SIGN
Z Area sq. ft.	M4 - 8 A
3.0	WISCONSIN DEPT OF TRANSPORTATION
5.0	Matther R Rauch
	DATE <u>3/9/11</u> PLATE NO. <u>M4-8A.2</u>
	SHEET NO: E
PLOT SCALE :	3.972696:1.000000 WISDOT/CADDS SHEET 42



- 2. Color:

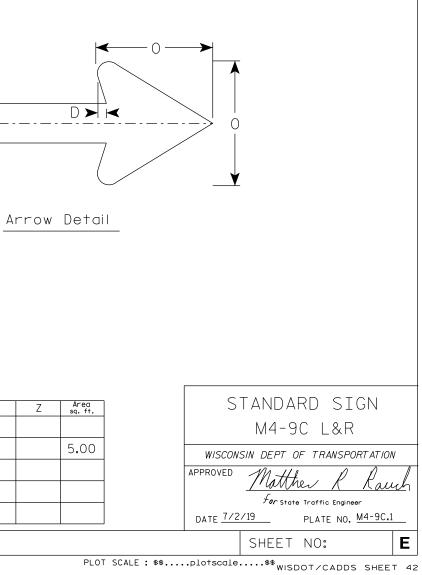
 - Message Black
- 3. Message Series D

- is reversed.



SIZE	А	В	С	D	E	F	G	н	I	J	K	L	М	N	0	Р	۵	R	S	Т	U	V	W	Х	Y
1																									
2	30	24	1 1/8	3⁄8	1/2	5	5 1/4	6	3 3/4	2	2	3 1/4	11 3⁄4	7	6	2									
3																									
4																									
5																									
PRC	JECT	NO:					HW	ΙΥ°					COUN	TY:											
FILE N	AME : C:	\CAEfile	s\Project	ts\tr_std	plate\M49	9C.dgn										PLOT DAT	E : 2-JUL	2019 9:	24	PLOT	BY : msc	j9h	F	PLOT NAM	E :

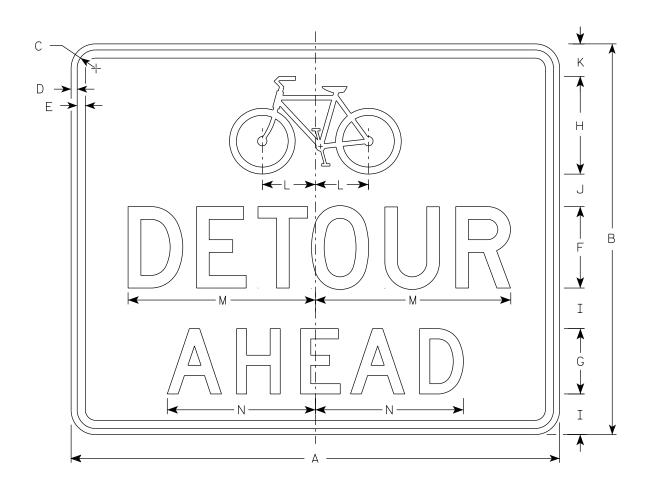
```
NOTES
1. Sign is Type II-Type F Reflective
   Background - Orange
4. Corners may be square or rounded when base
  material is plywood but borders shall be rounded
  as shown. When base material is metal, the
  corners and borders shall be rounded.
5. M4-9CL is the same as M4-9CR except the arrow
```



NOTES

- 1. Sign is Type II Type F Reflective
- 2. Color:

Background - Orange Message – Black 3. Message Series - D 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



M4 - 9CA

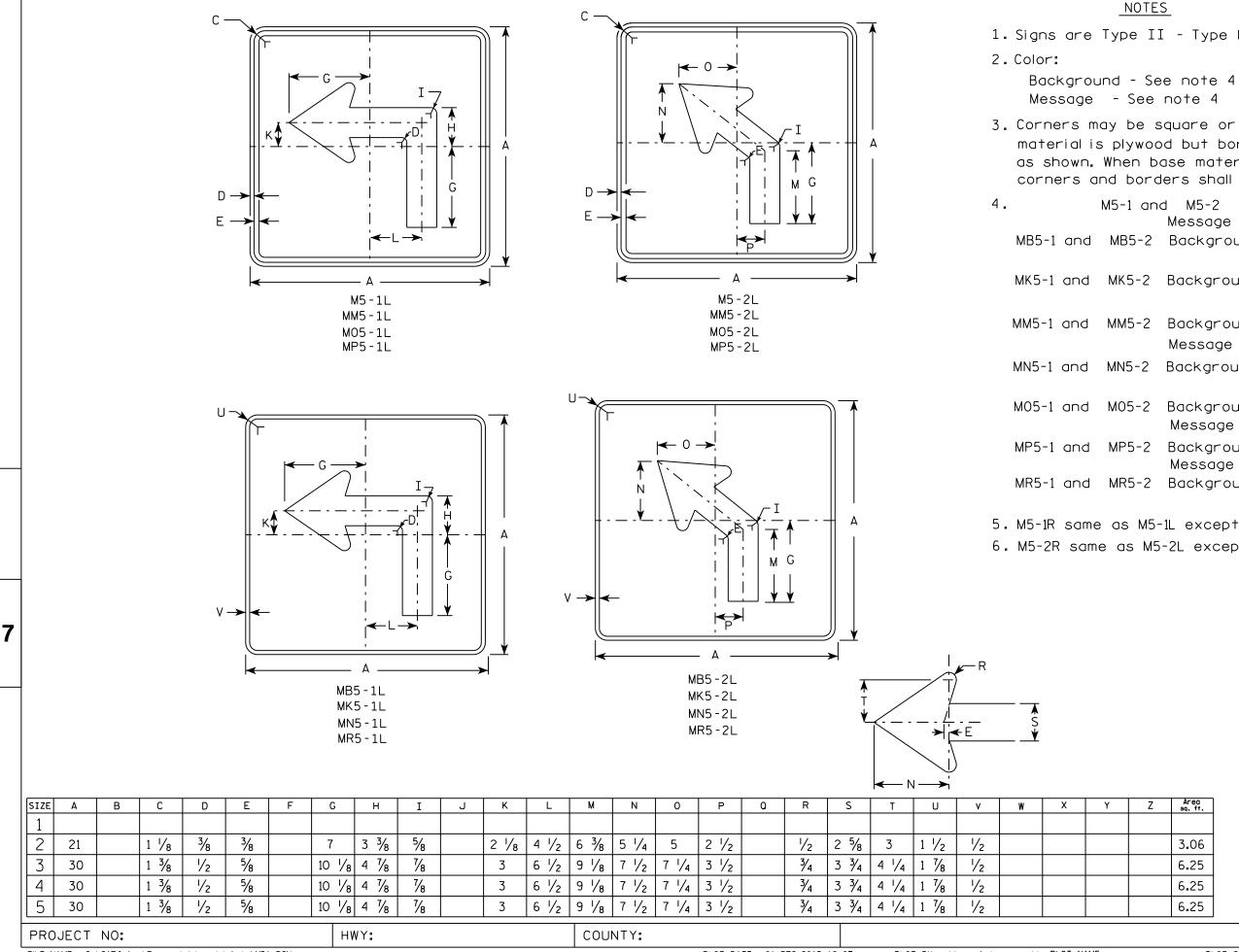
SIZE	А	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	S	Т	U	V	W	Х	Y	Z
1																										
2	30	24	1 1/8	3⁄8	1/2	5	4	6	2 1/2	2	2	3 1/4	11 3⁄4	9 1/8												
3																										
4																										
5																										
	JECT	NO:					H	NY:						NTY:												
FILE N		• \CAEfile	s\Pro iec	teltr etc	to Late MA												ATE • 27-	UU Y-2020	1 3.53	PL O	T BY · d	0+c4c		PLOT N	AME ·	

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M49CA.dgn

7

PLOT DATE : 27-JULY-2020 3:53 PLOT BY : dotc4c PLOT NAME :

		STANDARD SIGN
A sq	Area A. ft.	M4-9CA
	- 0	WISCONSIN DEPT OF TRANSPORTATION
	5.0	APPROVED MILLI D N
		Forstate Traffic Engineer
		DATE 7/27/2020 PLATE NO. M4-9CA.1
		SHEET NO: E



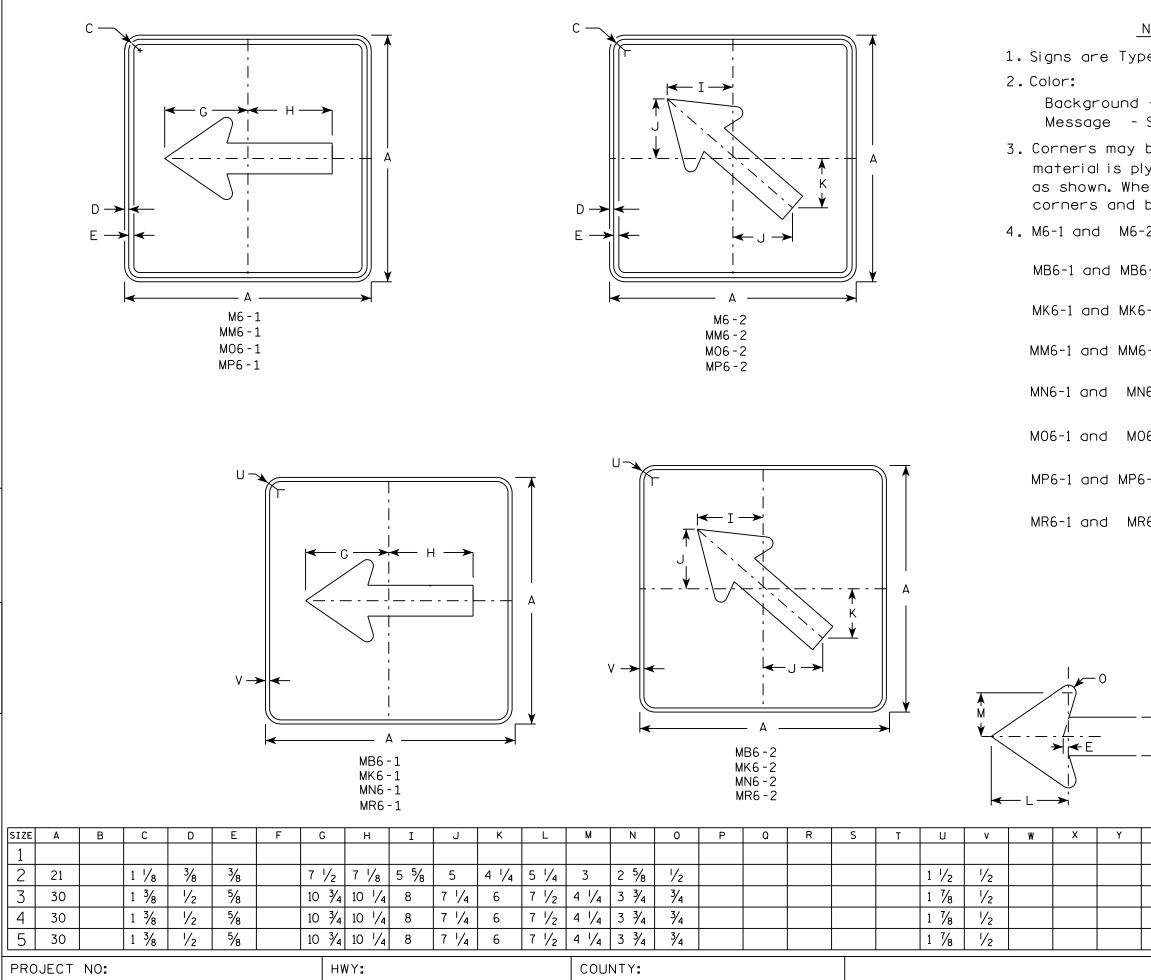
FILE NAME . C.\CAEfiles\Projects\tr_stdplate\M51 DGN

PLOT DATE . 01-DEC-2015 18.07

PLOT BY . \$\$ DIOTUSER \$\$ PLOT NAME :

```
NOTES
1. Signs are Type II - Type H reflective except as shown
3. Corners may be square or rounded when base
   material is plywood but borders shall be rounded
  as shown. When base material is metal, the
  corners and borders shall be rounded.
            M5-1 and M5-2
                             Background - White
                    Message - Black
  MB5-1 and MB5-2 Background - Blue
                              Message - White
  MK5-1 and MK5-2 Background - Green
                             Message - White
  MM5-1 and MM5-2 Background - White
                    Message - Green
  MN5-1 and MN5-2 Background - Brown
                             Message - White
  M05-1 and M05-2 Background - Orange - Type F Reflective
                    Message - Black
  MP5-1 and MP5-2 Background - White - Type H Reflective
                    Message - Blue
  MR5-1 and MR5-2 Background - Brown
                             Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.
```

	Aree	STANDARD SIGN	
Z	Area sq. ft.	M5-1 & M5-2	
	3.06	WISCONSIN DEPT OF TRANSPORTATION	
	6.25	APPROVED Matthew & Rauch	
	C 05	T'un March Rallich	-
	6 . 25	for State Traffic Engineer	
	6.25	DATE 10/15/15 PLATE NO. M5-1.13	_
		SHEET NO:	Ε



FILE NAME · C·\CAEfiles\Projects\tr_stdplate\M61_DCN

7

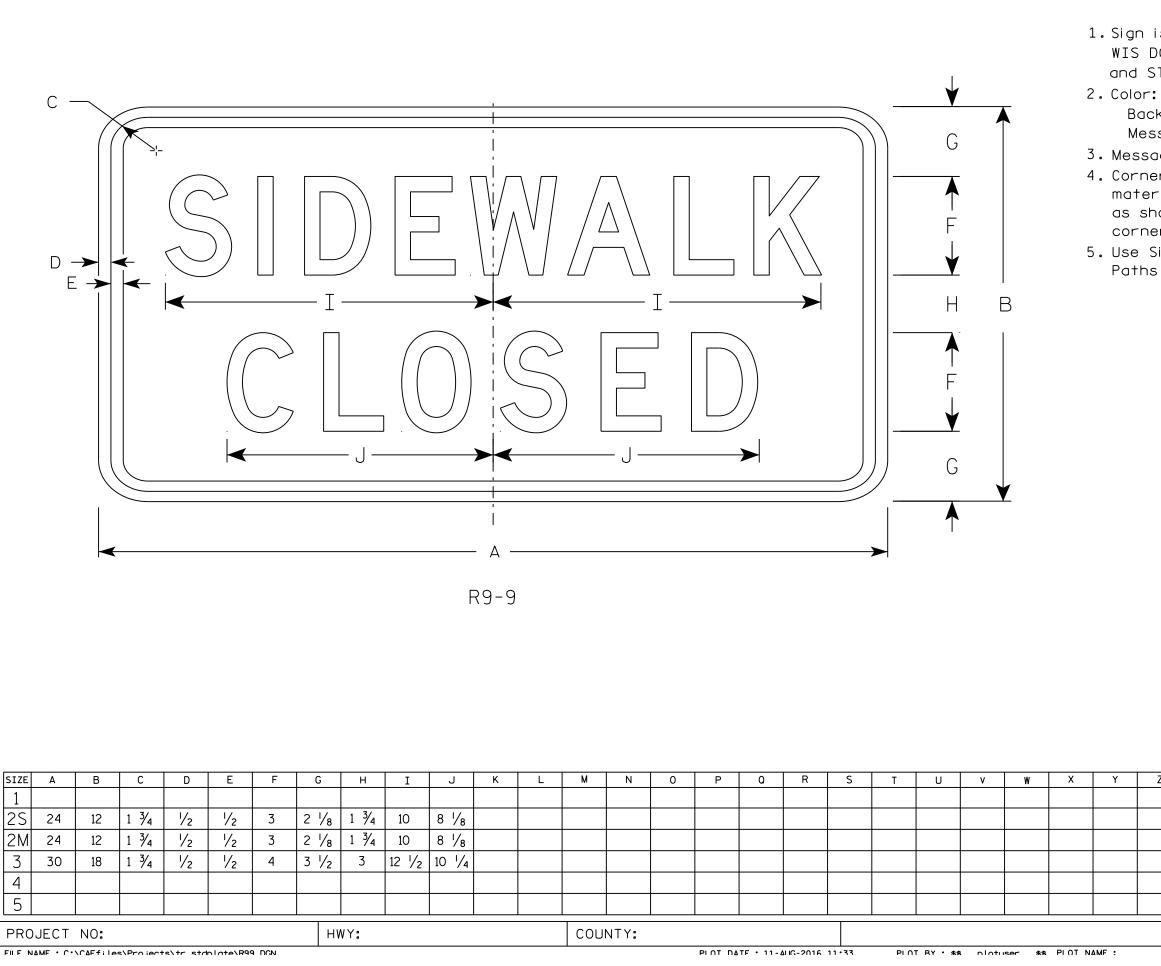
PINT DATE . 01-DEC-2015 17.57 PINT RY . \$\$ 010

PLOT BY . \$\$ DIOTUSER \$\$ PLOT NAME :

NOTES
e II - Type H except as Shown
- See note 4 See note 4
be square or rounded when base ywood but borders shall be rounded en base material is metal, the borders shall be rounded.
2 Background – White Message – Black
5-2 Background - Blue Message - White
-2 Background - Green Message - White
-2 Background - White Message - Green
6-2 Background - Brown Message - White
6-2 Background - Orange - Type F Reflective Message - Black
-2 Background - White Message - Blue
6-2 Background – Brown Message – Yellow

Ā	
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1	

Z	Årea sq. ft.		5-1 8	RD SIGN & M6-2 RIES	N	
	3.06	WISCONSIN	DEPT OF	TRANSPORT	ATION	
	6.25	APPROVED	Matthe	, P P		1
	6.25			Traffic Engineer	ww	ሥ
	6.25	DATE <u>10/15</u>	/15	PLATE NO	16-1.1	5
			SHEET	NO:		Ε



7

NOTES

 Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
 Color: Background - White Message - Black
 Message Series - C
 Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
 Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

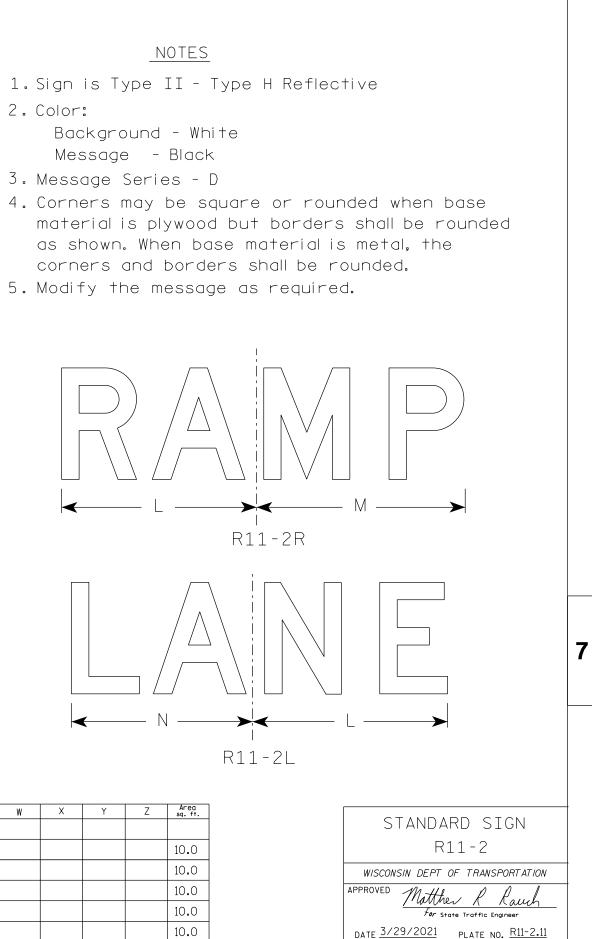
Z Area sq. ft.	STANDARD SIGN	
	R9-9	
2.0	WISCONSIN DEPT OF TRANSPORTATION	
2.0		
3.75	APPROVED Matther & Rauch	_
	for State Traffic Engineer	
	DATE <u>8/11/16</u> PLATE NO. <u>R9-9.6</u>	<u> </u>
	SHEET NO:	Ε

							К						К			>			G F) \	/
										R11	- 2																	
7														-0		R11			_0-]				<hr/>	/ N	//////////////////////////////////////
	SIZE	А	В	С	D	E	F	G	н	I	J	К	L	М	N	0	P	Q	R	S	Т	U	v	W	X	Y	Z	Are sq. f
	1																											
	25	48	30	1 3/8	1/2	5⁄8	8	5	4		13 1/2	19	14	15	13	15 5/8												10.
	2M	48	30	1 3/8	1/2	5⁄8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
	3	48	30	1 3/8	1/2	5⁄8	8	5	4		13 1/2	19	14	15	13	15 ⁵ ⁄8												10.0
	4	48	30	1 3/8	1/2	5⁄8	8	5	4		13 1/2	19	14	15	13	15 5/8												10.0
	5	48	30	1 3/8	1/2	5⁄8	8	5	4	13 1/4	13 ½	19	14	15	13	15 5/8												10.0
	PRO	JECT	NO:						HWY:					С	OUNT	Y:												
L	FILE N	AME : C:	Users\	PROJECTS'	\tr_stdp	late\R112	2.dgn										PLC	DT DATE :	: 29-MAR	2021 8:1	5	PLOT E	3Y : doto	:4c	F	PLOT NAMI	E :	

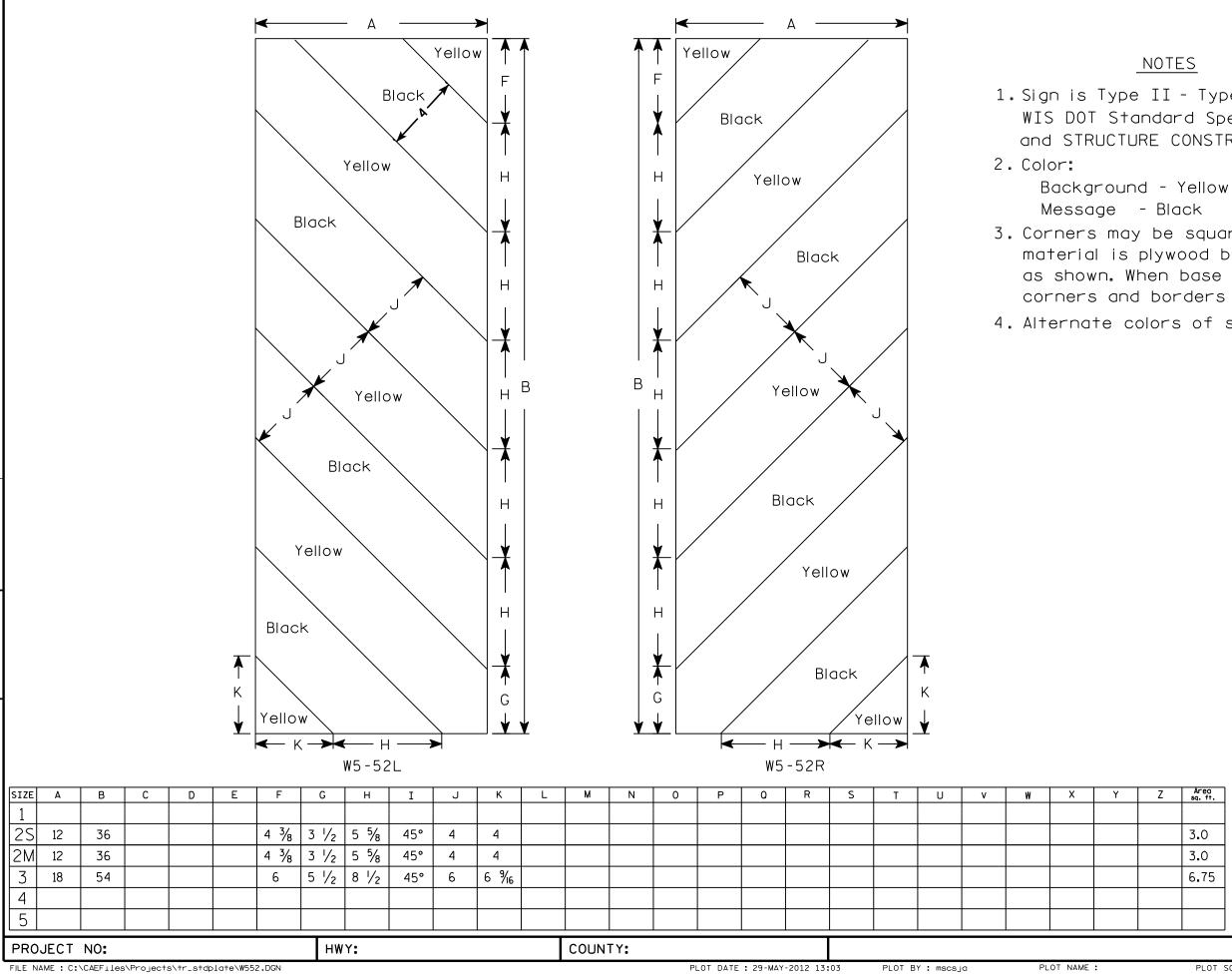
G Ā $D \rightarrow \checkmark$ F E → V ≻≺ . 1 ΗB

С.

- 2. Color:
- 3. Message Series D



	For sta	ite Traffic Engir	heer	
DATE <u>3/</u>	29/2021	PLATE NO.	<u>R11-2.1</u>	1
	SHEET	NO:		Ε



FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W552.DGN

7

PLOT DATE : 29-MAY-2012 13:03

PLOT NAME :

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded. 4. Alternate colors of stripes as shown.

Z	Area sq. ft.	STANDARD SIGN
		W5-52L & W5-52R
	3.0	
	3.0	WISCONSIN DEPT OF TRANSPORTATION
	6.75	APPROVED Matthew R Rauch
		for State Traffic Engineer
		DATE 5/29/12 PLATE NO. W5-52.9
		SHEET NO: E
	PLOT S	SCALE : 4.961899:1.000000 WISDOT/CADDS SHEET 42

		1. s 2. 3. 4.
	$\frac{1}{ROAD}$	
•	W20-1A W20-1B	
	SIZE A B C D E F G H I J K L M N O P O R S T 1 36 1 5/8 3/4 5 2 5/8 3 1/4 10 1/8 7 7 5/8 8 1/8 1 1/8 4 1/2 3 1/2 9 3 1/4 2 1/2 2 1/4 5 5/8 2S 48 2 1/4 3/4 1 8 3 3/4 5 1/8 15 3/8 11 1/8 12 1/8 14 3/8 1 5/8 6 7/8 5 3/8 13 7/8 4 3/8 3 7/8 3 8 5/8 2M 48 2 1/4 3/4 1 8 3 3/4 5 1/8 15 3/8 11 1/8 12 1/8 14 3/8 1 5/8 6 7/8 5 3/8 13 7/8 4 3/8 3 7/8 3 8 5/8 2M 48 2 1/4 3/4 1 8 3 3/4 5 1/8 15 3/8 11 1/8 12 1/8 14 3/8 1 5/8 6 7/8 5 3/8 13 7/8 4 3/8 3 7/8	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$

3 3/4 5 1/8 15 3/8 11 1/8 12 1/8 14 3/8 1 5/8 6 7/8 5 3/8 13 7/8 4 3/8 3 7/8

PROJECT	NO:
---------	-----

48

5

7

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN

2 1/4

3/4

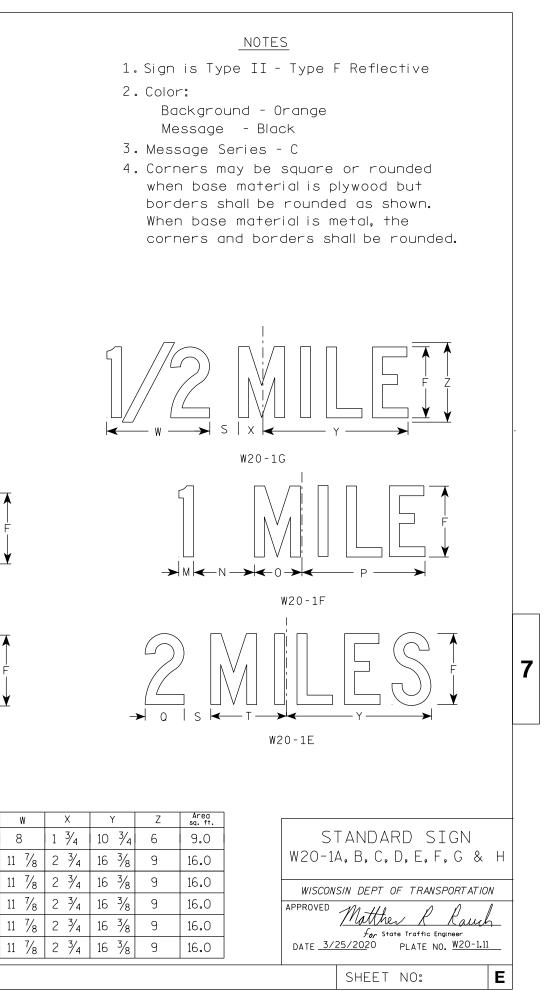
1

8

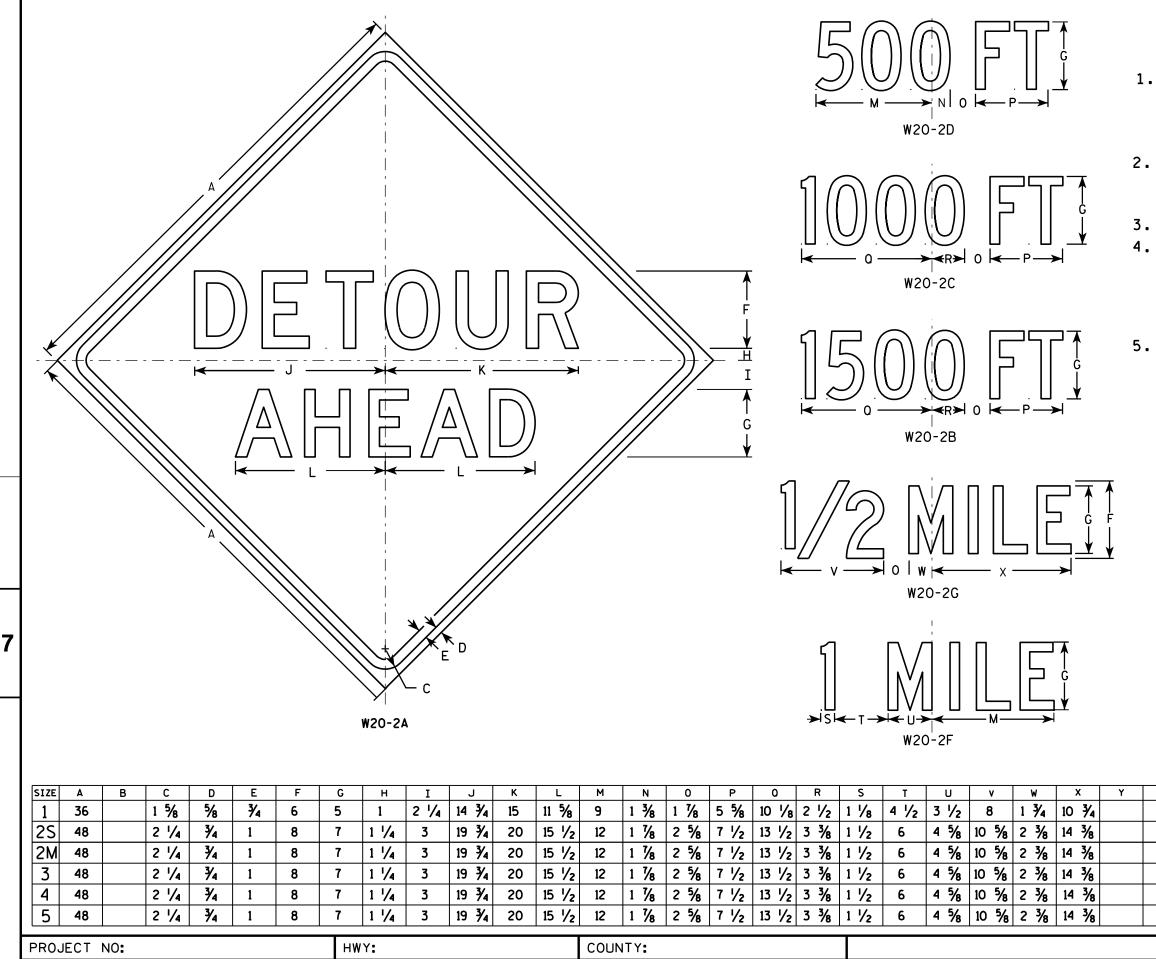
PLOT BY : dotc4c

3

8 5/8 13 3/4 2 1/8



WISDOT/CADDS SHEET 42



FILE NAME : C:\Users\PROJECTS\tr_stdplate\W202.DGN

PLOT DATE : 18-MAR-2011 10:00

PLOT NAME :

PLOT BY : mscj9h

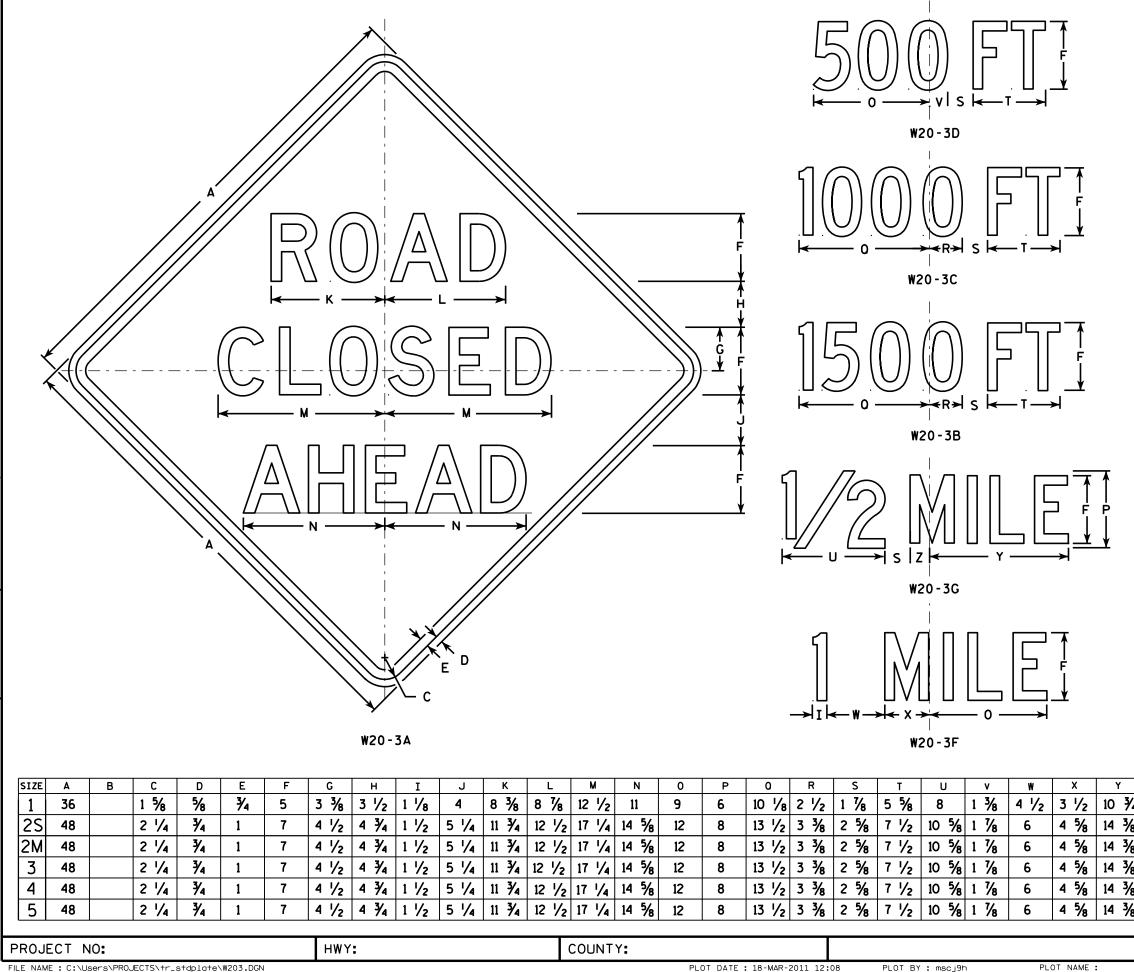
NOTES

 Sign is Type II - Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
 Color: Background - Orange

Message - Black

 Message Series - See note 5
 Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
 Line 1 is Series D. Line 2 is Series D for AHEAD and Series C for all other distances.

Z	Areo	1							
۲	sq. ft. 9.0			STANDARD SIGN					
	16.0)-2A,B,C,D,F & G					
	16.0			ONSIN DEPT OF TRANSPORTATION					
	16.0		APPROVED						
	16.0			Matther & Rauch					
	16.0		DATE	For State Traffic Engineer 3/18/11 PLATE NO. W20-2.6					
	SHEET NO: E								
	PLOT SCALE : 9.931739:1.000000 WISDOT/CADDS SHEET 42								



FILE NAME : C:\Users\PROJECTS\tr_stdplate\W203.DGN

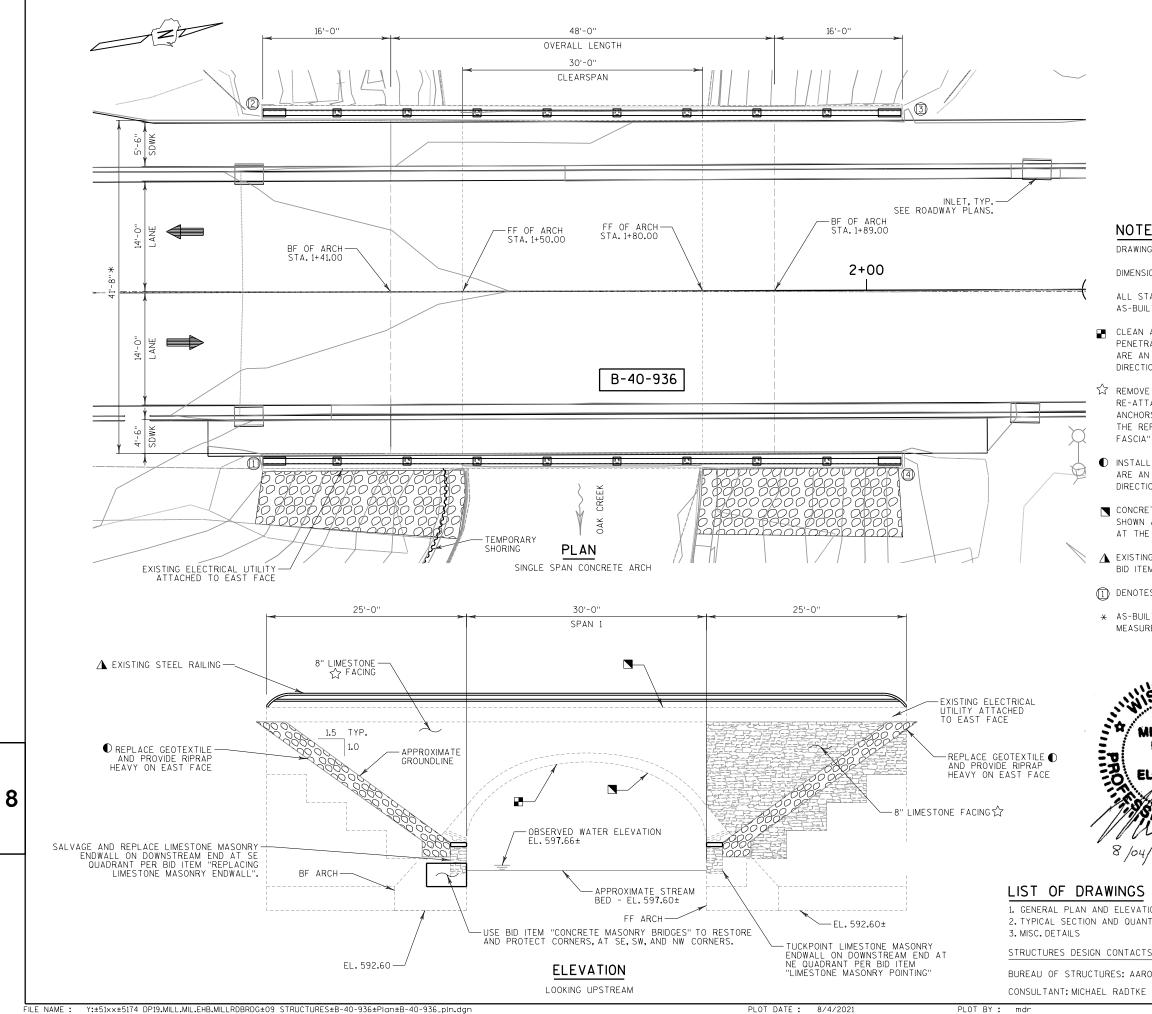
7

PLOT DATE : 18-MAR-2011 12:08

NOTES

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color: Background - Orange Message - Black
- 3. Message Series see note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Lines 1 and 2 are Series D. Line 3 is Series D for AHEAD and Series C for all other distances.

	Z	Ζ	Areo sq. ft.	
4	1 3	¥4	9.0	STANDARD SIGN
3	2	⅔	16.0	
,	2	3⁄8	16.0	W2O-3A, B, C, D, F & G
5	2	⅔	16.0	WISCONSIN DEPT OF TRANSPORTATION
3	2	⅔	16.0	APPROVED Matther R Rauch
;	2	⅔	16.0	For State Traffic Engineer DATE 3/18/11 PLATE NO. W20-3.7
				SHEET NO: E
			PLOT S	CALE : 9.931739:1.000000 WISDOT/CADDS SHEET 42



STATE PROJECT NUMBER

2575-03-70

DESIGN DATA

LIVE LOAD: DESIGN LOADING: H-15 INVENTORY RATING: HS-20 OPERATING RATING: HS-33 WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 190 KIPS LOAD RATINGS FROM HSLARE DATED 11/17/2017

MATERIALS

TRAFFIC DATA

CONCRETE f'c = 3500 PSI MORTAR f'c = 3500 PSI

MILL ROAD ADT = 5200 (2018) ADT = 5551(2035) RDS = 25 MPH

NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS ARE BASED ON ORIGINAL STRUCTURE PLANS.

ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE BASED ON 1931 AS-BUILT.

CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER, QUANTITIES SHOWN ARE AN ESTIMATE. ACTUAL QUANTITIES TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE ENGINEER.

 \overleftrightarrow REMOVE AND REPLACE 8" LIMESSTONE FACING ON BOTH EAST AND WEST FASCIAS. RE-ATTACH LIMESTONE TO EXISTING CONCRETE WITH STAINLESS STEEL MASONRY ANCHORS AT 16" O.C. ALL MATERIALS AND WORKMANSHIP REQUIRED TO COMPLETE THE REFACING WORK INCLUDED IN BID ITEM "SALVAGE AND REPLACE LIMESTONE

● INSTALL RIPRAP HEAVY AS DIRECTED BY THE FIELD ENGINEER. QUANTITIES SHOWN ARE AN ESTIMATE. ACTUAL QUANTITIES TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE ENGINEER.

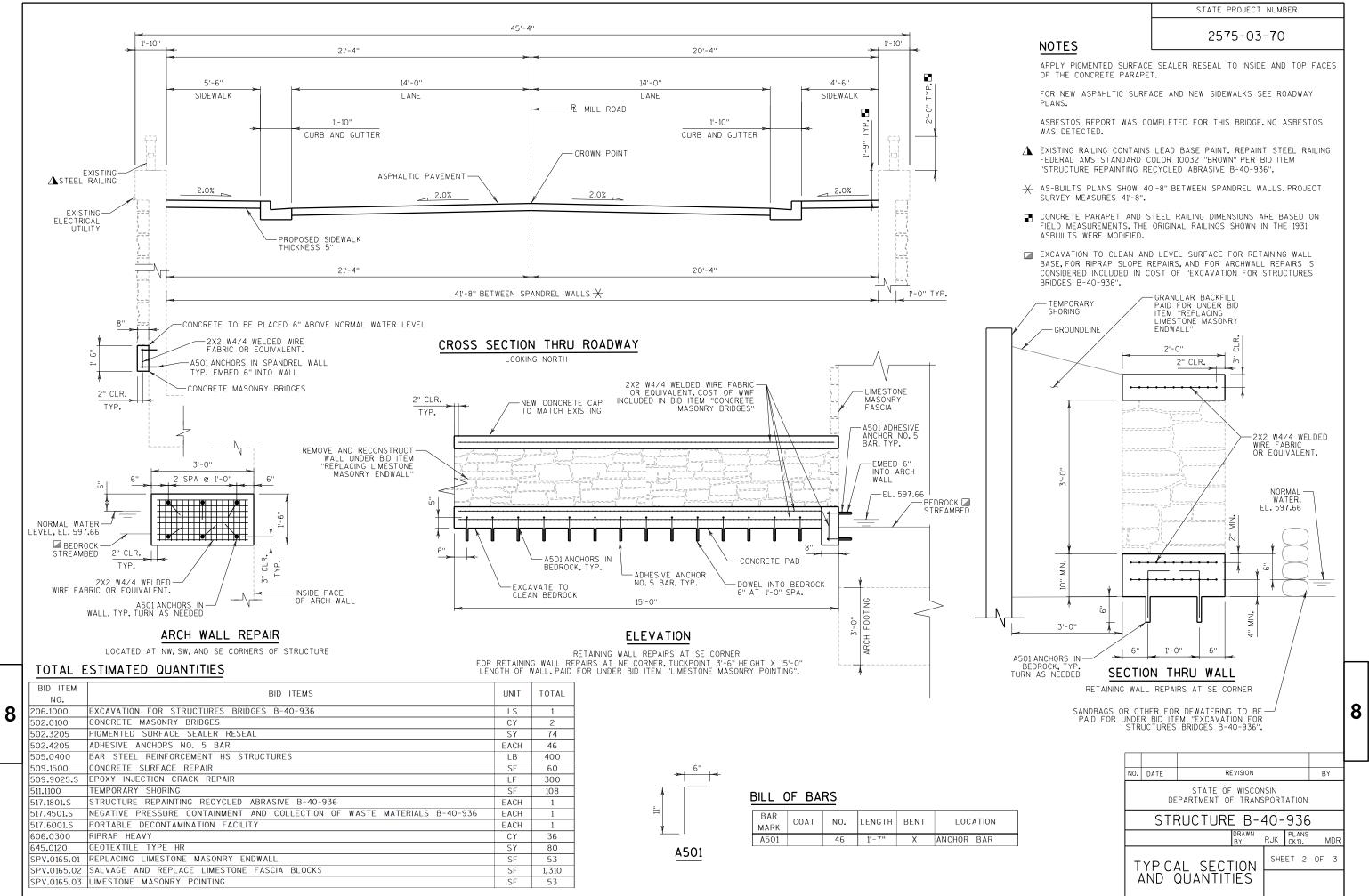
CONCRETE SURFACE REPAIR AS DIRECTED BY THE FIELD ENGINEER. QUANTITIES SHOWN ARE AN ESTIMATE. ACTUAL QUANTITIES TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE ENGINEER.

▲ EXISTING STEEL RAILING CONTAINS LEAD BASE PAINT. REPAINT STEEL RAILING PER BID ITEMS "STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-936".

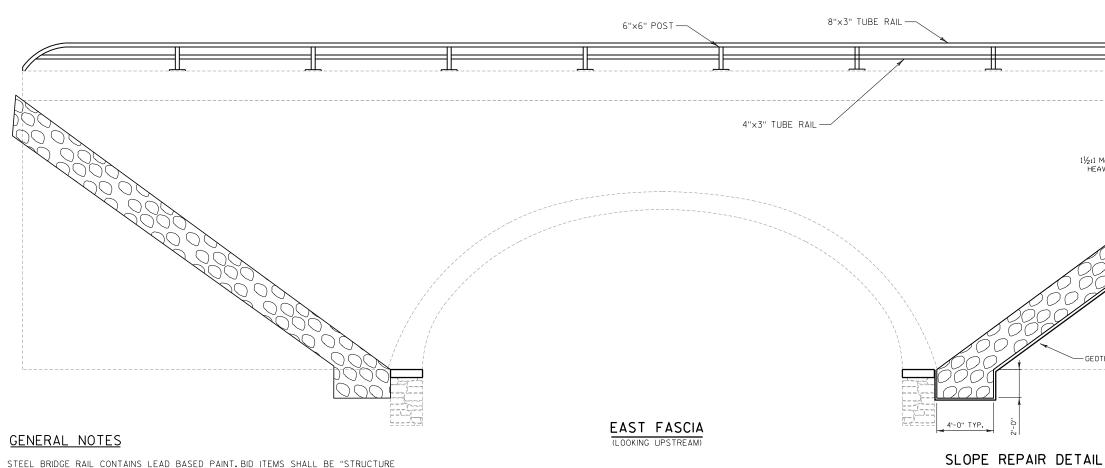
1 DENOTES WING NUMBER

* AS-BUILTS PLANS SHOW 40'-8" BETWEEN SPANDREL WALLS. PROJECT SURVEY MEASURES 41'-8"

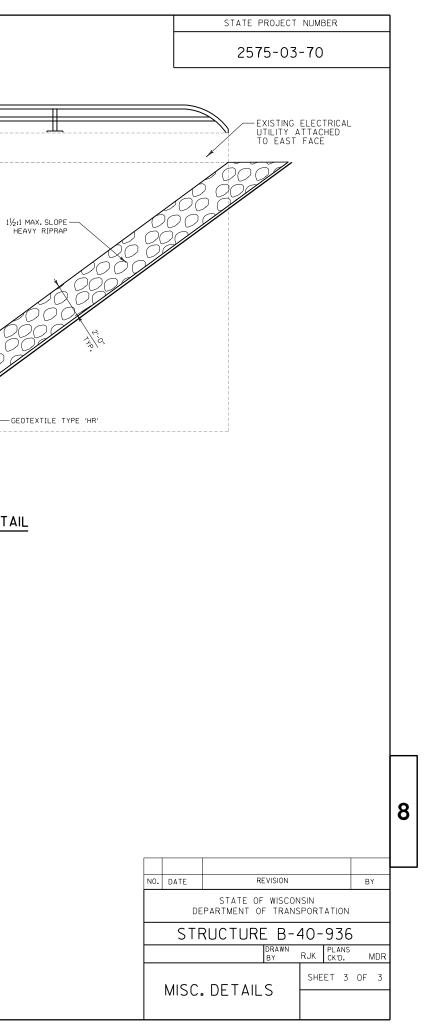
WISCONSIN		
MICHAEL D.	NO. DATE REVISION BY	
E-40967 ELM GROVE, U- WI VI	ACCEPTED CHIEF STRUCTURES DESIGN ENGINEER	8
/04/2021	STRUCTURE B-40-936	
ICS EVATION QUANTITIES	COUNTY MILWAUKEE CITY SOUTH MILWAUKEE DESIGN SPEC. REHABILITATION N/A DESIGNED BY RJK CK'D. JRM BY RJK CK'D. MDF	
TACTS AARON BONK (608) 261-0261 DTKE (414) 939-7039	GENERAL PLAN SHEET 1 OF 3 AND ELEVATION	



FILE NAME : Y:±51xx±5174 DP19.MILL.MIL.EHB.MILLRDBRDG±09 STRUCTURES±B-40-936±Plan±B-40-936_ts.dgn



STEEL BRIDGE RAIL CONTAINS LEAD BASED PAINT.BID ITEMS SHALL BE "STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-936", "NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS", AND "PORTABLE DECONTAMINATION FACILITY". AFTER REPAINTING, CAULK AROUND PERIMETER OF BASEPLATES WITH NON-STAINING NON-BITUMINOUS JOINT SEALER WITH COLOR TO MATCH PAINT. CAULK IS CONSIDERED INCLUDED IN THE COST OF "STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-936".



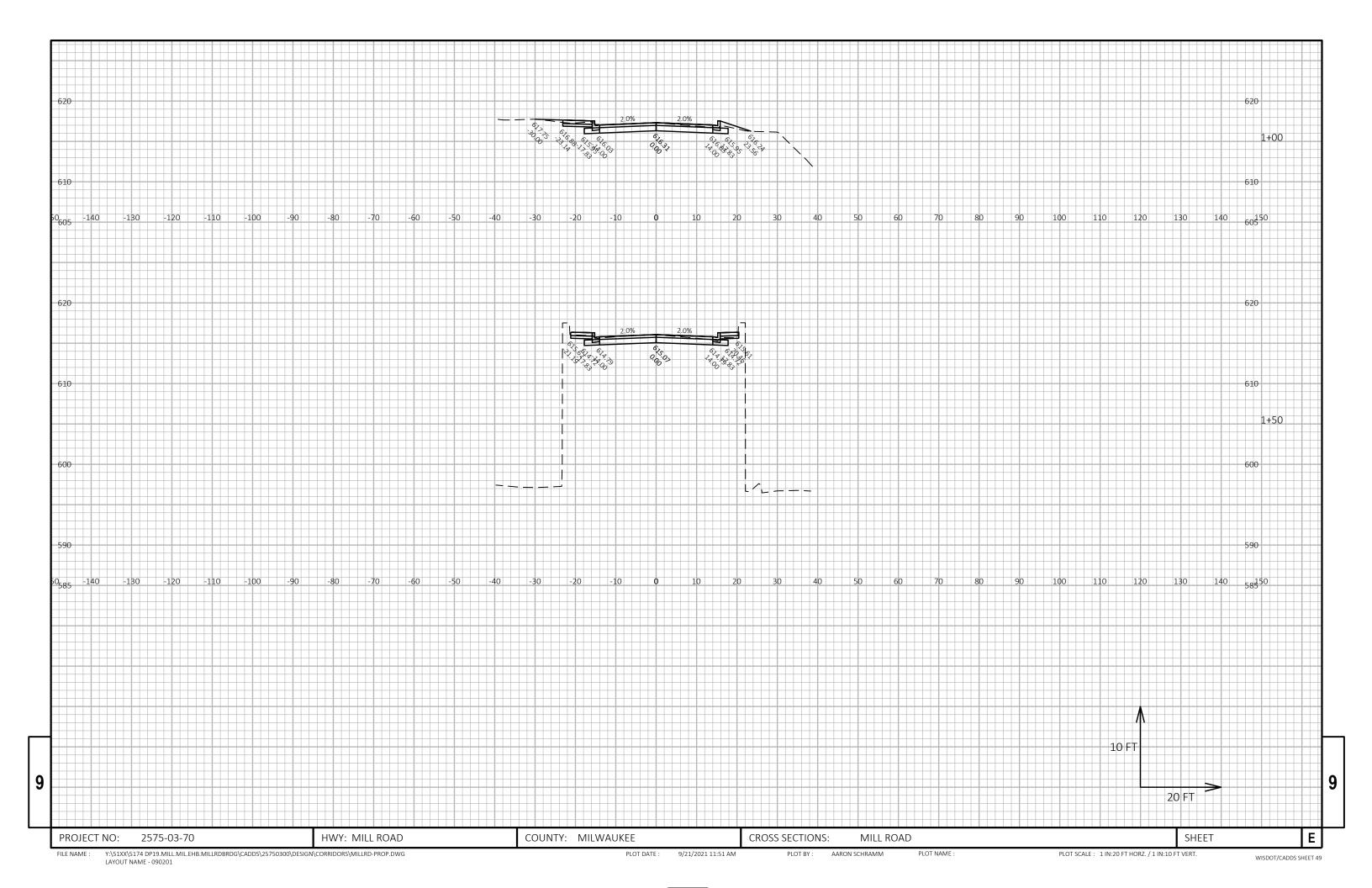
			AREA (SF)	INCREMENTAL	/OL (CY) (UNADJUSTED)	CUMULAT	FIVE VOL (CY)
STATION	DISTANCE	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	CUT	MASS ORDINATE
1+00 AH 1+50 2+00 2+30 BK	0 50 50 30	37 34 35 36	0 0 0 0	0 66 64 39	17 17 17 18	0 66 130 169	0 49 96 117
	· · · · ·			169	69		•

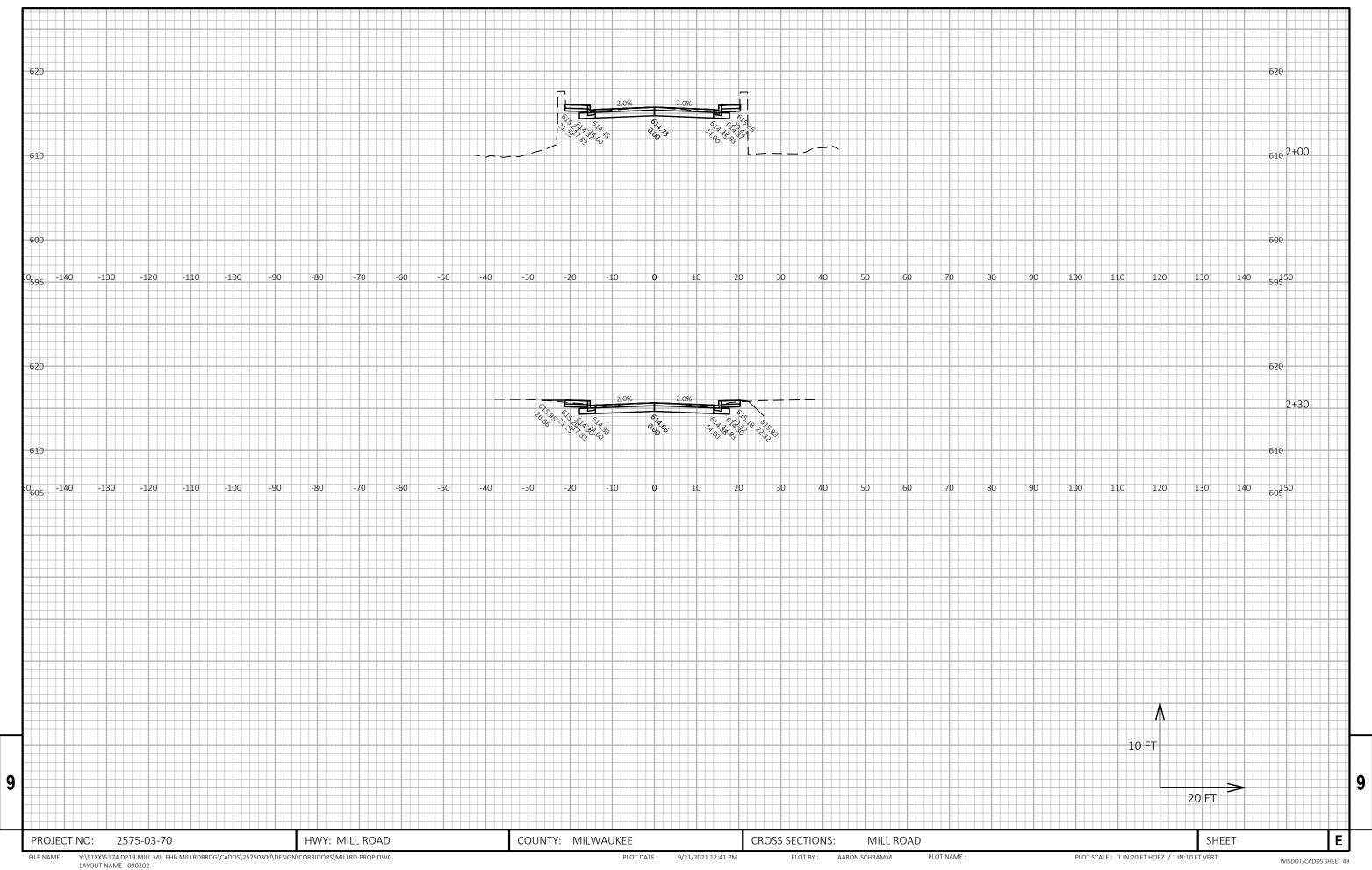
ļ	PROJECT NO: 2575-03-70	HWY: MILL ROAD	COUNTY: MILWAUKEE	EARTHWORK DATA

FILE NAME : Y:\51xx\5174 DP19.MILL.MIL.EHB.MILLRDBRDG\10 PSE\MQs\PPT\25750370_MQs.pptm

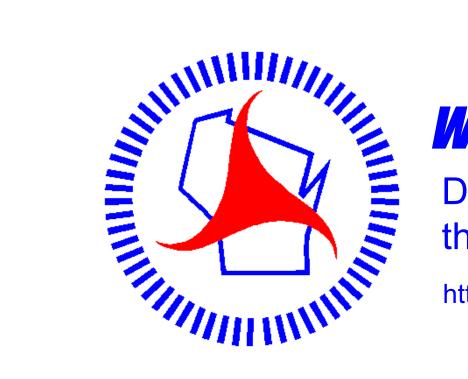
9

SHEET NO:





WISDOT/CADDS SHEET 49



Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

http://www.dot.wisconsin.gov

